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A I D

TO THE

IDENTIFICATION

OF

INSECTS.



EDITED BY

CHARLES OWEN WATERHOUSE.

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PREFACE.

I REGRET that from change of circumstances the publication of 'Aid' must, at least for the present, be discontinued. In my second volume I have as far as possible adhered to my original design. After part 15, however, acting on the suggestion of some of my subscribers, I introduced the system of figuring more than one species on each plate, by which means I was able to give representations of twenty-five species for a subscription up till that time paid for sixteen figures.

Although this plan certainly has its advantages, it increased very greatly my labours as editor, a circumstance which would not in itself have prevented me carrying on the work, but which, when combined with others, has had considerable weight in deciding me to discontinue the publication.

I originally undertook the work on account of the great need which I felt of good figures. Thousands of species are annually described, but few descriptions are accompanied even by a wood-cut, and the difficulty of determining insects without such help is only too well known. I felt therefore that I could scarcely do the cause of systematic entomology greater service than by publishing a work of this kind, and it is with the greatest reluctance that I discontinue it. That I do not believe species can (except in a few cases) be determined with certainty from a figure



only is testified by the title of my book ; a drawing, however, is a great help, and it not only assists in the identification of the species figured, but provides a definite object with which describers may compare new species.

Of the 416 species figured in this second volume, 375 are drawn from actual type specimens ; 29 are from specimens kindly sent to me by Captain Broun from New Zealand, and are mostly species described by him ; and the remaining twelve are from various sources, but are all from specimens the correct determination of which cannot, I think, be questioned.

I tender my best thanks to those Entomologists who have placed their specimens at my disposal, particularly to Messrs. H. W. Bates, W. L. Distant, H. Druce, O. Janson, F. Moore, F. P. Pascoe, the Rev. H. S. Gorham, Captain Broun and Miss Sharpe.

August 16th, 1890.

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OBSERVATIONS.

PSELAPHANAX SETOSUS. Plate 120.

This species, described by Mr. Walker as one of the *Scydmanida*, is of course Carabideous, and as has already been pointed out, is the same as *Selina Westermanni* Mots.

CYCHRUS CONVEXUS. Plate 125.

The figure of this species is taken from an example obtained by Mr. George Lewis in Japan.

HELOTA CEREOPUNCTATA & GEMMATA. Plate 133.

As the sexes of these species differ in the form of the apex of the elytra, outlines of this part in the females are represented in figures 1a, and 2a.

TESSERATOMA HORNIMANI. Plate 135.

I have in figures 1b and 1a represented the larva and pupa of this species on the authority of Mr. Distant, who received them at the same time with the imago.

PRIOCNEMIS PASCOEI. Plate 137.

This insect, as will be seen by a reference to the figure, is an Ichneumon. The specimen from which it was described being in a somewhat bad condition, it was, by an oversight, included by Mr. Kirby among the new *Priocnemides* with which it was received.

NOVITAS NIGRANS. Plate 138.

This species is figured from the unique specimen in Captain Broun's collection. It was most kindly sent for that purpose (with a large number of others) by that gentleman.

MACROGLOSSUM CYNIRIS. Plate 140.

This is figured from a specimen in the Dublin Museum determined by Mr. W. F. Kirby.

ALEURON BUTLERI. Plate 140.

The type specimen from which this species is figured has unfortunately lost the antennæ.

IDMAIS MAIMUNA AND ERIS. Plate 143.

The figures of *I. maimuna* are taken from Mr. Kirby's types in the Dublin Museum. A male example of *I. eris* agreeing perfectly with the figure given by Klug, (Symb. Phys. t. vi. t. 15, 16) was received at the Dublin Museum from Abyssinia, and with it the specimen figured here as the female of this species, and described as such by Mr. Kirby. The specimen had no antennæ.

LOMAPTERA DU BOULAYI. Plate 144.

The specimen figured is in the British Museum, determined from M. Thomson's description by the Editor.

HYLOTOMA FUMIPENNIS. Plate 156.

This species, and many other Hymenoptera, are figured from the type specimens described by the late Mr. F. Smith, in the Second Yarkand Expedition. The specimens appear to have been in spirit, and many of them are in bad condition, which has given the artist much trouble in drawing them. I have figured all the types from this Expedition which were in sufficiently good condition to make a drawing possible.

IMMEDIA OCCULTA. Plate 158.

In order to show the form of the head and thorax, these parts of the insect are represented in the figure in a somewhat unnatural position. The insect is sub-globular, and the head and thorax in their proper position are much deflexed, so that the head is scarcely visible from above.

MELOETYPHLUS FUSCUS. Plate 161.

By an unfortunate oversight this species has been figured with only four instead of five joints to the anterior and intermediate tarsi.

CRYPTUS INSIDIATOR. Plate 162.

See remarks on *Hylotoma*. The side views of the abdomen of this and other species figured on the plate are given in the position in which they are in the types. The abdomen of *Paniscus quadrilineatus* was too much distorted to be figured.

APHNÆUS ORCAS. Plate 163.

My figure is taken from a specimen determined by Mr. A. G. Butler, to be referable to this species.

TITHOES PALINII. Plate 167.

Some years ago Prof. Westwood kindly furnished me with a sketch of the type of this species, which is in the University Museum at Oxford. The British Museum example here figured only differs from Prof. Westwood's sketch in being a little smaller. It is quite distinct from *T. yolofofus* with which it is associated in the Munich Catalogue.

DIPLOCLADON HASSELTII. Plate 167.

The antennæ in this species do not appear so broad as they are drawn in the figure, the branches of the joints being represented as expanded but in a natural position they are much deflexed. The punctuation is much more delicate on the thorax than on the elytra.

POMPILUS DIVISUS. Plate 169.

This species, as will be seen by a reference to the figure, is an *Ichneumon*, but by some unaccountable oversight was described by the late Mr. Smith as a *Pompilus*; it is very closely allied to *I. bipustulatus* which I figure on the same plate.

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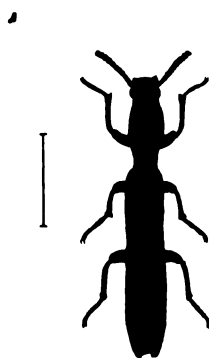






Aid

101.



Gemylodes superans,
Pascoe, Ann. & Mag. Nat. Hist., IX, (1882), p. 26.
Siam



Ad

102



Dryocora Howitti
Pascoe, Proc Ent Soc, (1868), p. XI
New Zealand





Hylotastes terminatus.
Pascoe, Ann & Mag Nat Hist, IX. (1882), p 26
Borneo.



Ad

104.



Doticus palmaris,
Pascoe, Ann & Mag. Nat. Hist., IX, (1882), p. 27
Queensland.





Erebia scoparia.
Butler, Proc. Zool. Soc., (1881), p. 849.
Japan.





Vanessa lunigera,
Butler, Proc. Zool. Soc. (1881), p. 850.
Japan.





Thecla orsedice,
Butler, Proc. Zool. Soc. (1881), p. 852.
Japan



Lycæna iburiensis
Buller, Proc. Zool. Soc., (1881), p. 852.



Ard.

109.



Eulytus nodipennis.
Waterhouse, Ann. & Mag. Nat. Hist., IX. (1882), p. 175.
East Africa.

Aid.

110.



Periaptodes testator,
Pascoe, Trans Ent Soc., 3, Ill. (1866), p. 287
New Guinea



Aid

III



Stigmodera tibialis,
Waterhouse, Trans. Ent. Soc., (1874), p. 540.
South Australia.





Campylotes Atkinsoni,
Moore, Descr. of Lepid. Ins. in Coll. Atkinson, I. (1879), p. 17.
Darjiling.





Thecla ibara.
Buller, Proc. Zool. Soc., (1881), p. 852.
Japan.





1. *Thecla regina*, 2. *Thecla signata*,
Butler, Proc. Zool. Soc., (1881), p. 853-4.
Japan





1. *Thecla Butleri*, 2. *Strymon Fentoni*,
Butler & Fenton, Proc. Zool. Soc., (1881), p. 853-4.
Japan.

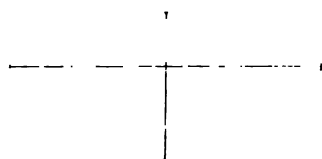
Ad

116 .



Philargiaus orreatus.
Butler, Trans Ent. Soc., (1882), p 28.
Chili.



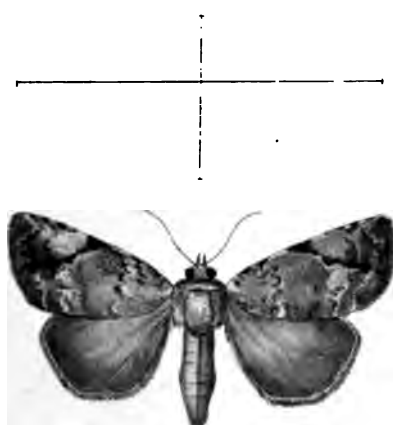


Phanoplia cornuta L.
Mo. and Co. 20. The Coll. Atkins. n. 11. 1881. 90
 Francis H. H.



And

15



Tyrola nana (bq) 18.
Mors. Deor. In Ins. Coll. Atkinson. pt II 1882, p. 95
Darjeeling





2.



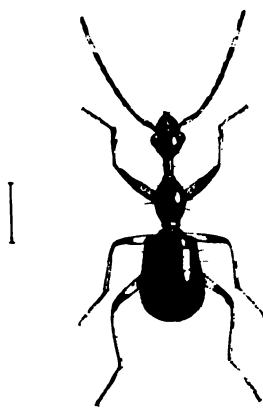
1.

1.
Attacus Andromeda,
Philippi, Linn. Ent., XIV. (1860), p. 280.
 Valdivia.
 2.
Polythysana Edmonsi,
Butler, Trans. Ent. Soc., (1882) p. 19.
 Chili



Aid .

120 .



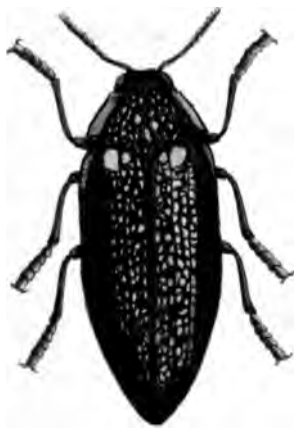
Pselaphanax setosus.
Walker, Ann. & Mag. Nat. Hist., III, (1859), p. 52.
Ceylon.

Edwin Wilson, del et lith.

Wintem Bros. imp.

Aid

121.



Sternocera Syriaca,
Saunders. Cist. Ent., I. (1874), p. 220.
Syria.



Aid.

122.



Tenerus flavicollis,
Gorham, Trans. Ent. Soc. Lond., (1877), p. 404.
Laos.



Aid.

123.



Olesterus gracilis,
Gorham, Cist. Ent., II, (1876), p. 87.
Australia.



Aid.

124.

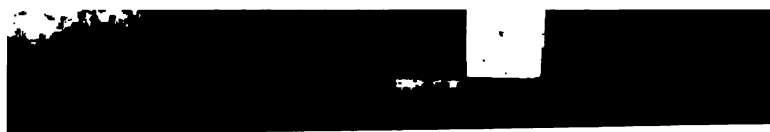


Phellus glaucus,
Walker, Insecta Saundersiana, (1850), p.110.
W. Australia.





1. *Cychrus convexus*, Morawitz, *Mem. Ac. Sci. St. Petersb.*, VI, (1863), p. 7. Japan.
 2. *Cymindis damio*, Bates, *Trans. Ent. Soc.*, (1873), p. 310. Japan.
 3. *Mouhotia Batesi*, Lewis, *Ent. Mo. Mag.*, XV, (1879), p. 186. Burmah.
 4. *Carabus Gehini*, Fairmaire, *Petit Nouvelle Ent.*, II, (1876), p. 37. Japan.
 5. *Darnaster capito*, Lewis, *Ent. Mo. Mag.*, XVII, (1881), p. 197. Japan.
 Edwin Wilson, del. et lith. Mintern Bros. imp.





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| 1. <i>Hemitrachys bizonatus</i> , Gorham, <i>Cist. Ent.</i> , II, (1876), p. 92. | Singapore. |
| 2. <i>Pelonium ruficollis</i> , Gorham, <i>Trans. Ent. Soc.</i> , (1877), p. 419. | Parana. |
| 3. <i>Pelonium Badeni</i> , Gorham, <i>Trans. Ent. Soc.</i> , (1877), p. 420. | Brazil. |
| 4. <i>Pelonium extraneum</i> , Gorham, <i>Trans. Ent. Soc.</i> , (1877), p. 423. | Laos. |
| 5. <i>Ichnea mitella</i> , Gorham, <i>Trans. Ent. Soc.</i> , (1877), p. 411. | Amazons. |
| 6. <i>Omadius abscissus</i> , Gorham, <i>Cist. Ent.</i> , II, (1876), p. 106. | Batchian. |
| 7. <i>Omadius vespiformis</i> , Gorham, <i>Cist. Ent.</i> , II, (1876), p. 103. | Phillippine Is. |





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|---------------------------------|---------------------------------------|------------------------|--------------|
| 1. <i>Ixias satadra</i> , ♂, | <i>Moore, Ann. Nat. Hist. XX,</i> | <i>(1877), p. 50.</i> | Simla. |
| 2. <i>Apatura Bhavana</i> , ♂, | <i>Moore, Trans. Ent. Soc.,</i> | <i>(1881), p. 307.</i> | N.E. Bengal. |
| 3. <i>Eterusia shahama</i> , ♀, | <i>Moore, Proc. Zool. Soc. Lond.,</i> | <i>(1865), p. 801.</i> | Darjeeling. |
| 4. <i>Eusemia funebris</i> , | <i>Moore, Proc. Zool. Soc. Lond.,</i> | <i>(1872), p. 569.</i> | Darjeeling. |





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| 1. <i>Zammara columbia</i> , | <i>Distant, Trans. Ent. Soc.</i> , (1881), p. 628. | Colombia. |
| 2. <i>Poecilopsaltria leopardina</i> , | <i>Distant, Trans. Ent. Soc.</i> , (1881), p. 630. | E. Africa. |
| 3. <i>Platyleura inquinata</i> , | <i>Distant, Trans. Ent. Soc.</i> , (1881), p. 631. | E. Africa. |





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1. *Mouhotia convexa*, *Lewis, Ent. Mo. Mag.*, XIX, (1883.) p. 193. Laos.
2. *Paratillus basalis*, *Gorham, Trans. Ent. Soc.*, (1878.) p. 158. Morton Bay.
3. *Doryphora militaris*, *Jacoby, Proc. Zool. Soc.*, (1878.) p. 991. Colombia.
4. *Doryphora insulans*, *Jacoby, Proc. Zool. Soc.*, (1878.) p. 147. Peru.
5. *Doryphora fulvicollis*, *Jacoby, Cistula Ent.*, II, (1879.) p. 516. Peru.
6. *Doryphora fulvonotata*, *Jacoby, Cistula Ent.*, II, (1879.) p. 519. Peru.
7. *Prosthenus militaris*, *Pascoe, Ann. & Mag. Nat. Hist.*, IX, (1882.) p. 35. Ega.
8. *Pactola variabilis*, *Pascoe, Ann. & Mag. Nat. Hist.*, XVII, (1876.) p. 38. N. Zealand.
9. *Apirocalus cornutus*, *Pascoe, Cistula Ent.*, II, (1882.) p. 590. Fiji.





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1. *Glenea adelia*,
2. *Glenea coris*,
3. *Glenea detrita*,
4. *Glenea eclectica*,
5. *Glenea concinnata*,
6. *Glenea honora*,
7. *Glenea tringaria*,
8. *Glenea extensa*,

Pascoe, Trans. Ent. Soc., III, (1867), p. 367.

Pascoe, Trans. Ent. Soc., III, (1867), p. 366.

Pascoe, Trans. Ent. Soc., IV, (1858), p. 259.

Pascoe, Trans. Ent. Soc., III, (1867), p. 399.

Pascoe, Trans. Ent. Soc., III, (1867), p. 403.

Pascoe, Trans. Ent. Soc., III, (1867), p. 373.

Pascoe, Trans. Ent. Soc., III, (1867), p. 412.

Pascoe, Trans. Ent. Soc., IV, (1858), p. 258.

Sarawak.

Singapore.

Macassar.

Sarawak.

Menado.

Penang.

Menado.

Singapore.





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6.

1. *Glarycus tricolor*, Moore, *Descr. of Lepid. in Coll. Atkinson*, I (1879), p. 38. Darjeeling.
2. *Chalcusia rympha*, Moore, *Proc. Zool. Soc. Lond.*, (1879), p. 704. Hainan.
3. *Chelura basiflava*, Moore, *Proc. Zool. Soc. Lond.*, (1879), p. 391. Darjeeling.
4. *Melittia gigantea*, Moore, *Proc. Zool. Soc. Lond.*, (1879), p. 413. Masuri.
5. *Seudyra venosa*, Moore, *Proc. Zool. Soc. Lond.*, (1879), p. 389. Darjeeling.
6. *Pangora matherana*, Moore, *Proc. Zool. Soc. Lond.*, (1879), p. 396. Bombay.





12. *Andracea trilochoides*, ♂, ♀, Moore, *Proc. Zool. Soc.*, (1865) p. 820. Darjeeling.
 3. *Acousmaticus magnicornis*, Butler, *Trans. Ent. Soc.*, (1882) p. 8. Chili.
 4. *Lophopteryx argentata*, Moore, *Desc. Lep. Coll. Atkins*, I (1879). Darjeeling.
 5. *Lophopteryx ferruginosa*, Moore, *Desc. Lep. Coll. Atkins*, Darjeeling.
 6. *Heterocampa maculata*, ♀, Moore, *Proc. Zool. Soc.*, (1879) p. 61. NW Himalaya.
 7. *Danalis concana*, Moore, *Proc. Zool. Soc.*, (1878.) p. 4. S. India.





1. *Helota cereopunctata*, Lewis, *Ent. Mo. Mag.*, XVII. (1881) p. 255. Japan.
2. *Helota gemmata*, Gorham, *Trans. Ent. Soc.*, (1874) p. 447. Japan.
3. *Trygæus princeps*, Sharp, *Trans. Ent. Soc.*, (1874) p. 421. Japan.
4. *Nodinus leucofasciatus*, Lewis, *Ann. & Mag. Nat. Hist.*, IV (1879) p. 460. Japan.
5. *Clytus (Elexira) Balyi*, Pascoe, *Trans. Ent. Soc.*, V. (1859) p. 27. India.
6. *Thelyphassa diaphana*, Pascoe, *Ann. & Mag. Nat. Hist.*, XVIII. (1876) p. 58. N. Zealand.
7. *Cupes clathratus*, Solsky, *Hor. Soc. Ent. Ross.*, VII. (1870) p. 370. Japan.
8. *Syntelia histeroides*, Lewis, *Ent. Mo. Mag.*, XIX. (1883) p. 138. Japan.



Aid

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1. *Prometopia rhombus*,
2. *Inopeplus borneensis*,
3. *Narcisa lynceus*,
4. *Ancyrona Pryeri*,
5. *Lasiodactylus notabilis*,
6. *Phylloscelis orbicularis*,
7. *Psammæcus hirsutus*,
8. *Platycotylus inusitatus*,

Olliff. Trans. Ent. Soc., (1883) p. 176.
Olliff. Trans. Ent. Soc., (1883) p. 182.
Olliff. Trans. Ent. Soc., (1883) p. 178.
Olliff. Trans. Ent. Soc., (1883) p. 179.
Olliff. The Entomologist, (1883) p. 98.
Olliff. Trans. Ent. Soc., (1883) p. 174.
Olliff. Trans. Ent. Soc., (1883) p. 183.
Olliff. Trans. Ent. Soc., (1883) p. 183.

Borneo.
 Borneo.
 Borneo.
 Borneo.
 Ceram.
 Borneo.
 Borneo.
 Borneo.





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1. *Tesseratoma hornimani*, *Distant, Ent. Mo. Mag.*, XIV. (1877) p. 63. Camaroons.
2. *Neoglypsus viridicatus*, *Distant, Ann. & Mag. Nat. Hist.*, VIII (1881) p. 27. Japan.
3. *Niarius illuminatus*, *Distant, Trans. Ent. Soc.*, (1881) p. 211. Australia.
4. *Cephaloplatys fasciatus*, *Distant, Trans. Ent. Soc.*, (1881) p. 212. Queensland.
5. *Tropicoris japonicus*, *Distant, Ent. Mo. Mag.*, XIX (1882) p. 76. Japan.





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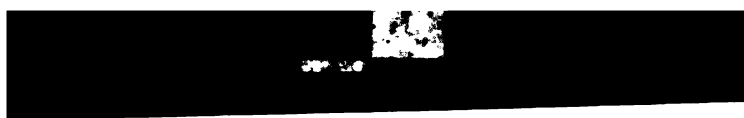


3.

1. *Daphnis torenia*,
2. *Ambulyx argentata*,
3. *Ambulyx Elwesi*,

Druce, Ent. Month. Mag., XIX, (1882) p. 16.
Druce, Ent. Month. Mag., XIX, (1882) p. 17.
Druce, Ent. Month. Mag., XIX, (1882) p. 17.

Fiji Is.
 Coch. China.
 Dargeeling.





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| 1.2. <i>Priocnemis Wakefieldii</i> , | ♂♀ Kirby, <i>Trans. Ent. Soc.</i> , (1881) p. 39. | N. Zealand. |
| 3. <i>Priocnemis xenos</i> , | Kirby, <i>Trans. Ent. Soc.</i> , (1883) p. 200. | N. Zealand. |
| 4,5. <i>Priocnemis conformis</i> , | ♂♀ Smith, <i>Trans. Ent. Soc.</i> , (1876) p. 482. | N. Zealand. |
| 6. <i>Priocnemis monachus</i> | Smith, <i>Cat. Hym. Ins.</i> , B. M. III. (1855) p. 164 | N. Zealand. |
| 7. <i>Priocnemis Pascoei</i> , | Kirby, <i>Trans. Ent. Soc.</i> , (1883) p. 200. | N. Zealand. |
| 8. <i>Priocnemis Huttoni</i> , | Kirby, <i>Trans. Ent. Soc.</i> , (1883) p. 199. | N. Zealand. |
| 9. <i>Priocnemis maculipennis</i> , | Smith, <i>Trans. Ent. Soc.</i> , (1876) p. 482. | N. Zealand. |



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138.



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| 1. <i>Stephanorhynchus crassus</i> , Broun, <i>Man. N. Zeal. Coleopt.</i> , (1880) p. 464. | N. Zealand. |
| 2. <i>Pachyura rubicunda</i> , Broun, <i>Man. N. Zeal. Coleopt.</i> , (1880) p. 469. | N. Zealand. |
| 3. <i>Lecanomerus fuliginosus</i> , Broun, <i>Man. N. Zeal. Coleopt.</i> , (1880) p. 48. | N. Zealand. |
| 4. <i>Novitas nigrans</i> , Broun, <i>Man. N. Zeal. Coleopt.</i> , (1880) p. 528. | N. Zealand. |
| 5. <i>Periticus robustus</i> , Broun, <i>Man. N. Zeal. Coleopt.</i> , (1880) p. 628. | N. Zealand. |
| 6. <i>Scaphisoma concinna</i> , Broun, <i>Man. N. Zeal. Coleopt.</i> , (1880) p. 158. | N. Zealand. |
| 7, 8. <i>Exilis spectabilis</i> , Broun, <i>Man. N. Zeal. Coleopt.</i> , (1880) p. 558. | N. Zealand. |



Aid.

139.



1. 2. *Papilio Tibullus*, Kirby, *Proc. Roy. Dublin. Soc.* II. (1880), p. 339. Zanzibar.
Edwin Wilson del et lith. Munster Bros. imp.





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|---|-------------|
| 1. <i>Macroglossum cynniris</i> , Guerin, <i>Iconographie</i> , p. 495. | Sylhet. |
| 2. <i>Chærocampa margarita</i> , Kirby, <i>Trans. Ent. Soc.</i> , (1877), p. 240. | Queensland. |
| 3. <i>Eryx excisa</i> , Walker, <i>List. Lep. Het. Brit. Mus.</i> , VIII, (1856), p. 119. | Pt. Natal. |
| 4. <i>Diludia Bethia</i> , Kirby, <i>Trans. Ent. Soc.</i> , (1877), p. 243. | Queensland. |
| 5. <i>Triptogon rectilinea</i> , ♂ Moore, <i>Proc. Zool. Soc.</i> , (1879), p. 388. | N. India. |
| 6. <i>Aleuron Butleri</i> , Kirby, <i>Trans. Ent. Soc.</i> , (1877), p. 240. | W. Indies. |





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| 1. <i>Chærocampa andamanensis</i> , Kirby, <i>Trans. Ent. Soc.</i> , (1877), p. 242. | Andaman I. |
| 2. <i>Acherontia Sculda</i> , Kirby, <i>Trans. Ent. Soc.</i> , (1877), p. 242. | Borneo. |
| 3. <i>Nephele Charoba</i> , Kirby, <i>Trans. Ent. Soc.</i> , (1877), p. 243. | Madagascar. |
| 4. <i>Nephele infernalis</i> , Kirby, <i>Trans. Ent. Soc.</i> , (1877), p. 244. | Asbantee. |



Aid

142.



1. Bunæa Aslauga,
2. Bunæa Thomsonii,

Kirby, Trans. Ent. Soc., (1877), p. 18.
Kirby, Trans. Ent. Soc., (1877), p. 19.

Madagascar
Cameroon.





1, 2, *Idmais maimuna*, Kirby, *Proc. Roy. Dublin Soc.*, II, (1880), p. 337.
 3, *Idmais eris*, Klug; Kirby, *Proc. Roy. Dublin Soc.*, II, (1880), p. 336.
 Edwin Wilson, del et lith.

Africa.
 Abyssinia
 Minnen Bros imp.





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1. *Helota laevigata*,2. *Helota pusilla*,3. *Lomaptera DuBoulayi*,4. *Rhytiphora caprina*,5. *Penthea pardalis*,

M. Hermann Fisher, del et lith.

*Oberthür, Coleopt. Novit., I, (1882), p. 59.**Oberthür, Coleopt. Novit., I, (1883), p. 60.**Thomson, Bull. Soc. Ent. Fr., (1878), p. CXXXVIII.**Newman, The Entomologist, (1842), p. 362.**Newman, The Entomologist, (1842), p. 414.*

Darjeeling.

Darjeeling.

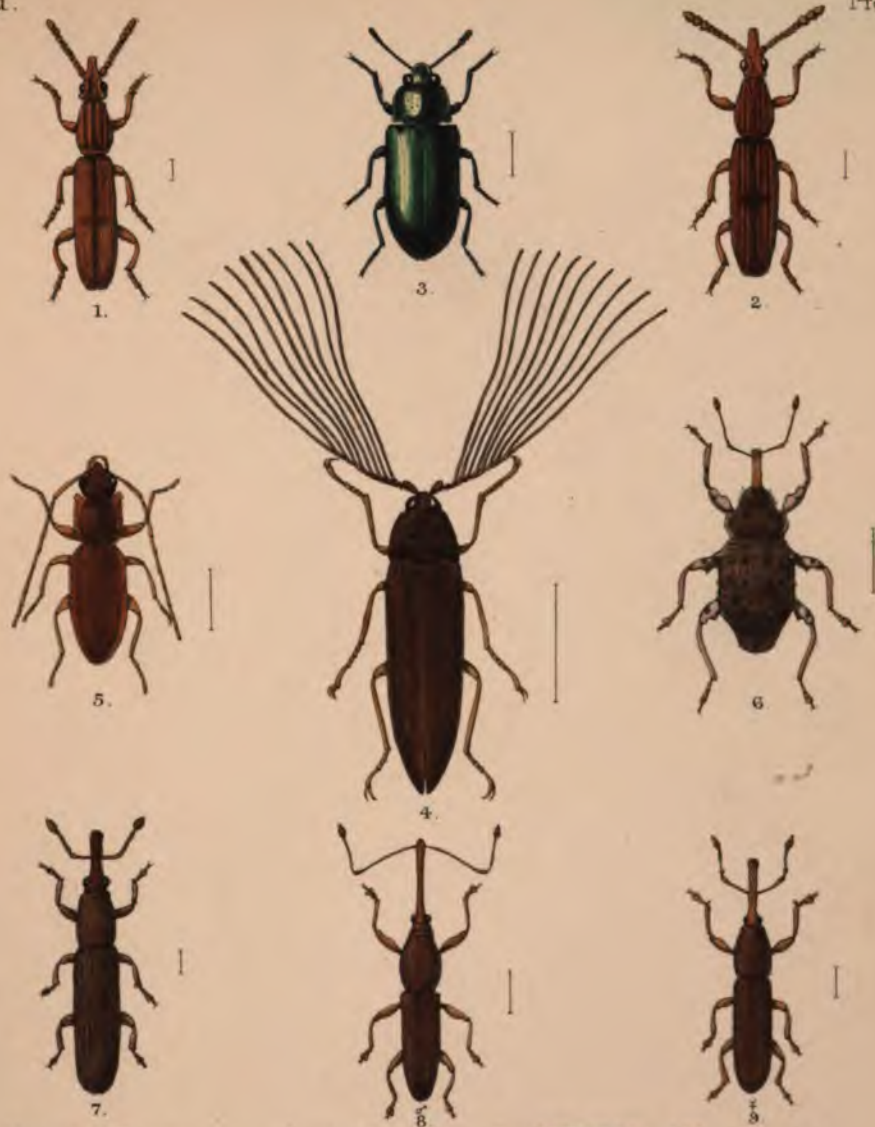
E. Australia.

E. Australia.

S. Australia.

Mordax, Paris 1882.





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| 1. Higonius Poweri, | Lewis, Journ. Linn. Soc. XVII, (1883), p. 299 | Penang. |
| 2. Higonius crux, | Olliff, Journ. Linn. Soc. XVII, (1883), p. 300. | Andaman Is. |
| 3. Arthropus Brouni, | Sharp, Ent. Mo. Mag. XIII, (1876), p. 76. | N. Zealand. |
| 4. Callirhipis longicornis, | Waterhouse, Trans. Ent. Soc. (1877), p. 385. | Andaman Is. |
| 5. Brontes pleuralis, | Sharp, Ent. Mo. Mag. XIII, (1877), p. 270. | N. Zealand. |
| 6. Crisius variegatus, | Brown, Man. N. Zeal. Coleopt., (1880), p. 501. | N. Zealand. |
| 7. Agrilochilus prolixus, | Brown, Man. N. Zeal. Coleopt., (1880), p. 521. | N. Zealand. |
| 8.9. Canthorhynchus bellus, | Brown, Man. N. Zeal. Coleopt., (1880), p. 526 | N. Zealand. |





1. *Diartiger spinipes*,
2. *Diartiger fossulatus*
3. *Lasinus spinosus*,
4. *Pselaphus Lewisii*,
5. *Batriscus antennatus*,
6. *Triomicrus simplex*,
7. *Batriscus pilosus*,
8. *Bythinus glabratus*,
9. *Euplectus trisulcicollis*.

Sharp, Trans. Ent. Soc., (1883), p. 331.
Sharp, Trans. Ent. Soc., (1883), p. 330.
Sharp, Trans. Ent. Soc., (1874), p. 106.
Sharp, Trans. Ent. Soc., (1883), p. 329.
Weise, Deutsche Ent. Zeit., (1877), p. 97.
Sharp, Trans. Ent. Soc., (1883), p. 326.
Sharp, Trans. Ent. Soc., (1883), p. 310.
Rye, Ent. Mo. Mag., VII., (1870), p. 33.
Broun, Man. N. Zeal. Coleopt., (1880), p. 140.

Japan.
Japan.
Japan.
Japan.
Japan.
Japan.
Japan.
England.
New Zealand.





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1. *Tosena splendida*,
2. *Tosena albata*,
M. Horman-Fisher, del et lith.

Distant, Ent. Mo. Mag. XV, (1878), p. 76.
Distant, Trans. Ent. Soc., (1878), p. 175.

Assam.
N. W. Himalaya.
Miner's Bros. imp.





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4.

- 1 *Tomaspis binotata*, *Distant, Trans. Ent. Soc., (1878), p. 177.*
 2 *Tomaspis conspicua*, *Distant, Trans. Ent. Soc., (1878), p. 176.*
 3 *Tomaspis modesta*, *Distant, Trans. Ent. Soc., (1878), p. 176.*
 4 *Tomaspis Monteironis*, *Distant, Trans. Ent. Soc., (1878), p. 176.*
 5 *Sphenorhina grandis*, *Distant, Trans. Ent. Soc., (1878), p. 179.*

W. Africa.
 Lake Nyassa.
 W. Africa.
 Delagoa Bay.
 New Grenada.





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9.

1. *Chserodes laetus*, Broun, *Man. New Zeal. Coleopt.*, I, (1880), p. 358. New Zealand.
2. *Ulonotus aberrans*, Broun, *Man. New Zeal. Coleopt.*, I, (1880), p. 189. New Zealand.
3. *Calliphenges cuprascens*, Waterhouse, *Ann. & Mag. Nat. Hist.*, V, (1880), p. 296. Ecuador.
4. *Clytus podagricus*, White, *Cat. Coleopt. in Brit. Mus.*, VIII, (1855), p. 254. St. Domingo.
5. *Clytus protogenes*, Newman, *The Entomologist*, I, (1842), p. 246. Philippine Is.
6. *Megacriodes Forbesii*, Waterhouse, *Ann. & Mag. Nat. Hist.*, VII, (1881), p. 408. Sumatra.
7. *Anchomenus Batesi*, Broun, *Man. New Zeal. Coleopt.*, I, (1880), p. 21. New Zealand.
8. *Anchomenus parabilis*, Broun, *Man. New Zeal. Coleopt.*, I, (1880), p. 20. New Zealand.
9. *Calathus? deformipes*, Broun, *Man. New Zeal. Coleopt.*, I, (1880), p. 19. New Zealand.





1. *Pseudacraea Colvillei*, Butler, *Ann. & Mag. Nat. Hist.*, XIV, (1884), p. 123.

2. *Rusicada diversalis*, Moore, *Proc. Zool. Soc.*, (1883), p. 21.

3. *Arthisma scissuralis*, Moore, *Proc. Zool. Soc.*, (1883), p. 20.

4. *Calpe bicolor*, Moore, *Proc. Zool. Soc.*, (1883), p. 19.

5. *Cleosiris fasciata*, Moore, *Proc. Zool. Soc.*, (1883), p. 15.

M. Hermann Fisher, del et lith.

Natal.
Singapore.
Singapore.
Fergab.
Borneo.
Matsen Bros. imp.





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1. *Lagyra megalaspila*, Moore, *Proc. Zool. Soc.*, (1867), p. 616.
2. *Anisodes semularia*, Moore, *Proc. Zool. Soc.*, (1867), p. 641.
3. *Anisodes pallivittata*, Moore, *Proc. Zool. Soc.*, (1867), p. 641.
4. *Geometra dentisignata*, Moore, *Proc. Zool. Soc.*, (1867), p. 636.
5. *Geometra vittata*, Moore, *Proc. Zool. Soc.* (1867) p. 636.
6. *Cimicodes ruertaria*, Moore, *Proc. Zool. Soc.* (1867), p. 616.

Bengal.

Bengal.

Bengal.

Darjeeling.

Bengal.

Bengal.





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| 1. <i>Phromnia rubicunda</i> , Distant, <i>Ann. & Mag. Nat. Hist.</i> , XI, (1883), p. 171. | Tenasserim. |
| 2. <i>Sphenophina bogatana</i> , Distant, <i>Trans. Ent. Soc.</i> , (1878), p. 179. | Bogota. |
| 3. <i>Clonia lurida</i> , Walker, <i>List. Hom. Ips. Brit. Mus. Suppl.</i> , (1858), p. 60. | Ceram. |
| 4. <i>Aphaena chionæma</i> , Butler, <i>Ann. & Mag. Nat. Hist.</i> , II, (1862), p. 127. | Sumatra. |
| 5. <i>Platyleura signifera</i> , Walker, <i>List. Hom. Ips. Brit. Mus.</i> , I, (1850), p. 7. | S. Africa. |
| 6. <i>Platyleura fulvigera</i> , Walker, <i>List. Hom. Ips. Brit. Mus.</i> , I, (1850), p. 9. | Philippine Is. |





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1. *Adoxia vulgaris*, Brown, *Man. N. Zeal. Coleopt.*, (1880), p. 632. New Zealand.
 2. *Paraphylax squamiger*, Brown, *Man. N. Zeal. Coleopt.*, (1880), p. 355. New Zealand.
 3. *Helota africana*, Olfert, *Ann. & Mag. Nat. Hist.*, XIII, (1884), p. 479. Angola.
 4. *Helota semifulva*, Fritsema, *Notes Leyden. Mus.*, III, (1881), p. 80. Java.
 5. *Heterorhina malayana*, Wallace, *Trans. Ent. Soc.*, IV, (1868), p. 525. Penang.
 6. *Chrysodema Lambii*, Saunders, *Trans. Ent. Soc.*, V, (1867), p. 510. Penang.
 7. *Gonophora Wallacei*, Baly, *Cat. Hesp. Brit. Mus.*, (1853), p. 109. Borneo.
 8. *Cortebus Pascoei*, Saunders, *Trans. Ent. Soc.*, V, (1867), p. 518. Penang.



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1. *Symphyletes torquatus*, Pascoe, *Ann. & Mag. Nat. Hist.*, XV, (1875), p. 71. Queensland.
 2. *Rhytiphora argus*, Pascoe, *Journ. Linn. Soc. Lond.*, IX, (1867), p. 302. Australia.
 3. *Agnia eximia*, Pascoe, *Ann. & Mag. Nat. Hist.*, V, (1860), p. 120. Molucca.
 4. *Cereopsius tricoloratus*, Pascoe, *Trans. Ent. Soc.*, 3, III, (1866), p. 239. Batchesian.
 5. *Penthea scenica*, Pascoe, *Trans. Ent. Soc.*, 3, I, (1863), p. 540. Australia.
 6. *Xynenon larvatus*, Pascoe, *Ann. & Mag. Nat. Hist.*, II, (1878), p. 376. Andaman Is.



Aid.

155.



1. *Cocytia veitchii*, Butler, *Trans. Ent. Soc.*, (1884), p. 352. Batchian.
 2. *Agocera tricolor*, Druce, *Ent. Mo. Mag.*, XX, (1883), p. 155. E. Africa.
 3, 4. *Emesia grandis*, Druce, *Ent. Mo. Mag.*, XVI, (1880), p. 268. W. Africa.
 5. *Eusemia Hornimani*, Druce, *Ent. Mo. Mag.*, XVI, (1880), p. 268. W. Africa.

M. Homan-Fisher del et lith.

Mus. Ent. Soc. Lond.



Aid.

156.



1. *Athalia maritima*, Kirby, *Ent. Month. Mag.*, XX, (1884), p. 215. Greece.
2. *Hylotoma fumipennis*, Smith, 2nd Yarkand Miss. Hymen., (1878), p. 18. Punjab.
3. *Allantus similimus*, Smith, 2nd Yarkand Miss. Hymen., (1878), p. 19. Punjab.
4. *Allantus terminalis*, Smith, 2nd Yarkand Miss. Hymen., (1878), p. 19. Kashmir.
5. *Allantus providus*, Smith, 2nd Yarkand Miss. Hymen., (1878), p. 18. Punjab.
6. *Allantus multicolor*, Smith, 2nd Yarkand Miss. Hymen., (1878), p. 18. Punjab.
7. *Macrophya opposita*, Smith, 2nd Yarkand Miss. Hymen., (1878), p. 19. Kashmir.
8. *Tenthredo simulata*, Smith, 2nd Yarkand Miss. Hymen., (1878), p. 19. Kashmir.





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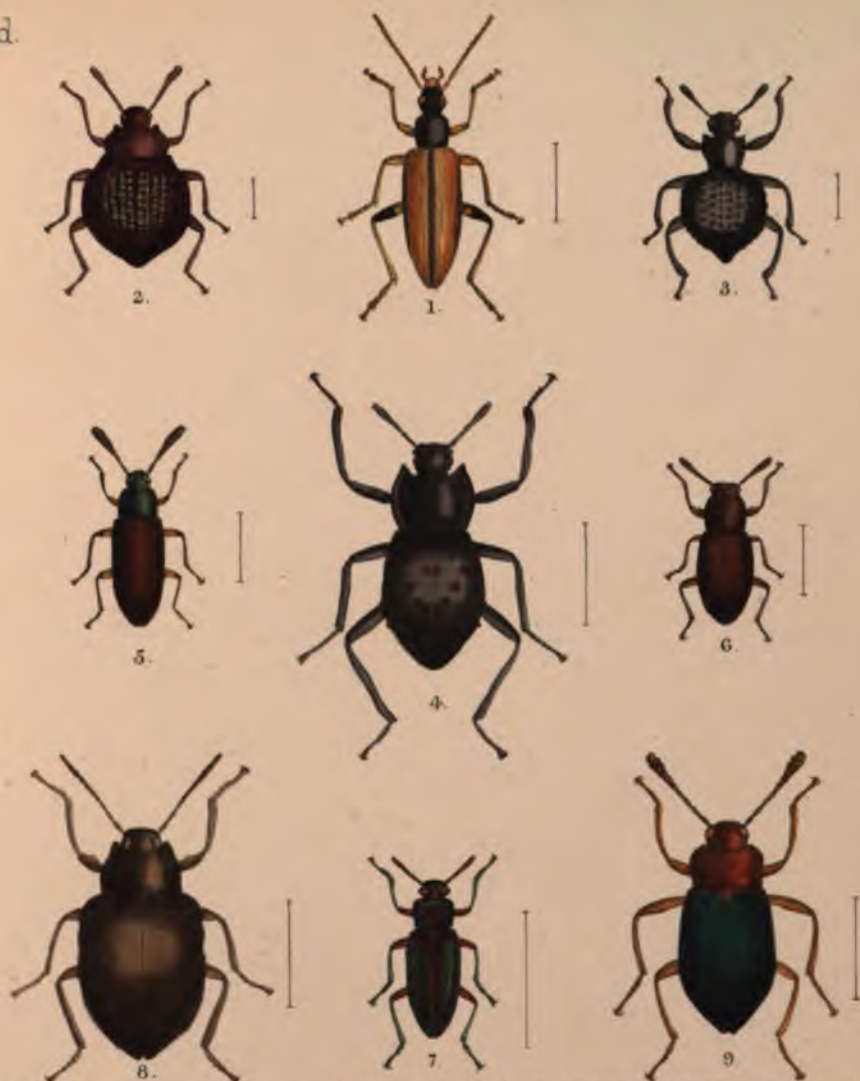


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1. *Mesomphalia latissima*, Baly, *Trans. Ent. Soc.*, (1872), p. 68. Ecuador.
2. *Ites plagiatus*, Waterhouse, *Ann. & Mag. Nat. Hist.*, V, (1880), p. 298. Ecuador.
3. *Imesisternus lotor*, Pascoe, *Proc. Ent. Soc. Lond.*, (1859), p. 84. Batchian.
4. *Rhytiphora dallasii*, Pascoe, *Ann. & Mag. Nat. Hist.* IV (1863) p. 207. W. Australia.
5. *Dioristus albolateralis*, Waterhouse, *Ann. & Mag. Nat. Hist.* X, (1882), p. 47. Madagascar.
6. *Lysizone alternata*, Pascoe, *Journ. Linn. Soc. Lond.* X, (1870), p. 486. Nicol Bay.
7. *Lipothyrea chloris*, Pascoe, *Ann. & Mag. Nat. Hist.* IX (1882) p. 375. E. Australia.
8. *Amphialus turgidus*, Pascoe, *Ann. & Mag. Nat. Hist.* XI, (1883), p. 127. Ceylon.





1. *Chromomæa picta*, Pascoe, *Journ. of Ent.*, II, (1866), p. 491. Queensland.
2. *Immedia occulta*, Pascoe, *Ann. & Mag. Nat. Hist.*, IX, (1882), p. 33. Bahia.
3. *Diopethes arachnoides*, Pascoe, *Ann. & Mag. Nat. Hist.*, IX, (1882), p. 33. Bahia.
4. *Phymæus pustulosus*, Pascoe, *Ann. & Mag. Nat. Hist.*, XI, (1883), p. 440. Ceylon.
5. *Enomia femorata*, Pascoe, *Ann. & Mag. Nat. Hist.*, XI, (1883), p. 441. Para.
6. *Gnesis helopioides*, Pascoe, *Journ. of Ent.*, II, (1865), p. 478. Mantchuria.
7. *Calydonis refulgens*, Pascoe, *Ann. & Mag. Nat. Hist.*, IX, (1882), p. 31. Para.
8. *Alymon prolatus*, Pascoe, *Journ. of Ent.*, II, (1865), p. 434. Natal.
9. *Diestica viridipennis*, Pascoe, *Proc. Ent. Soc. Lond.*, (1868), p. 12. Amazonas.





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1. *Sypna complicata*, Butler, *Ann. & Mag. Nat. Hist.*, V, (1880) p. 389. Madagascar.
 2. *Sypna constellata*, Moore, *Proc. Zool. Soc. Lond.*, (1883), p. 24. N.W. India.
 3. *Sypna brunnea*, Moore, *Descr. Lep. Coll. Atkinson*, (1882), p. 167. Darjeeling.
 4. *Sypna cyanivitta*, Moore, *Proc. Zool. Soc. Lond.*, (1867), p. 70. Bengal.
 5. *Sypna kirbyi*, Butler, *Trans. Ent. Soc.*, (1881), p. 209. Darjeeling.
 6. *Sypna prunosa*, ♂, Moore, *Proc. Zool. Soc. Lond.*, (1883), p. 25. Darjeeling.

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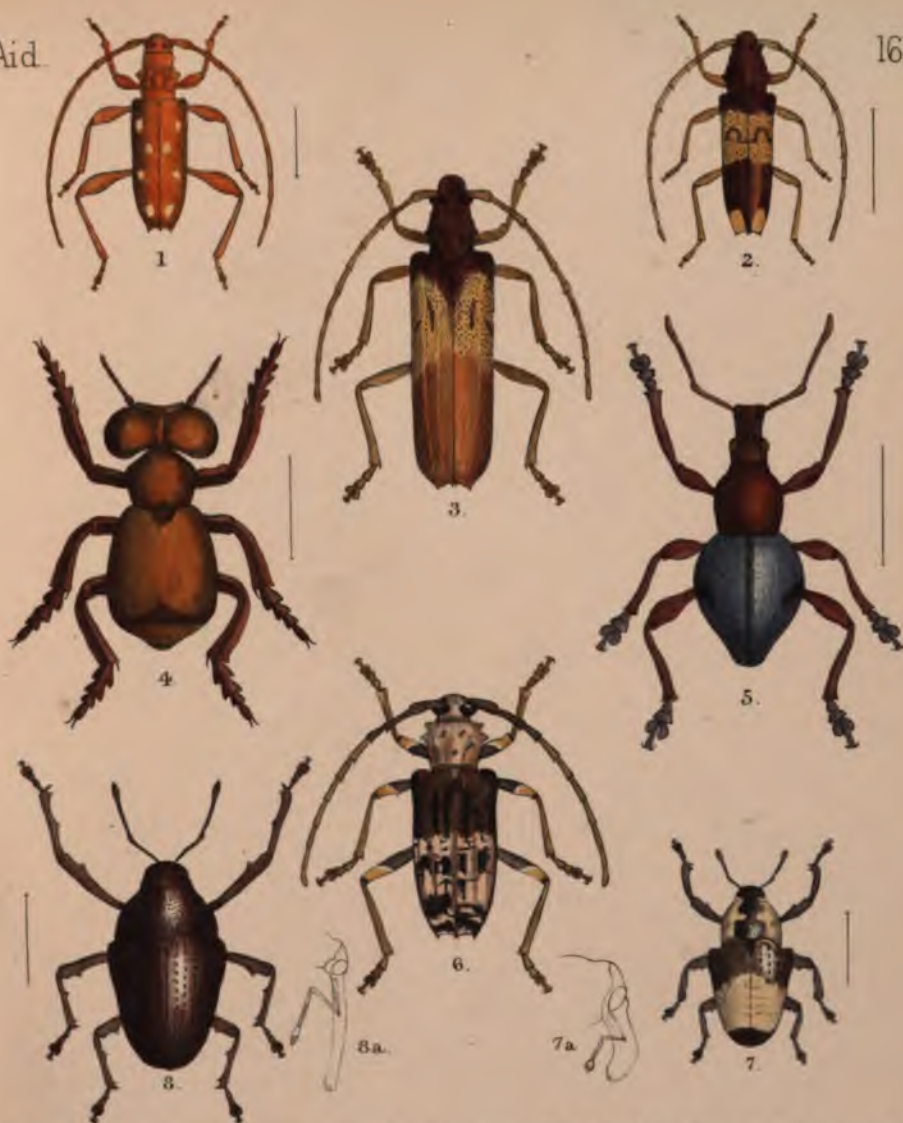
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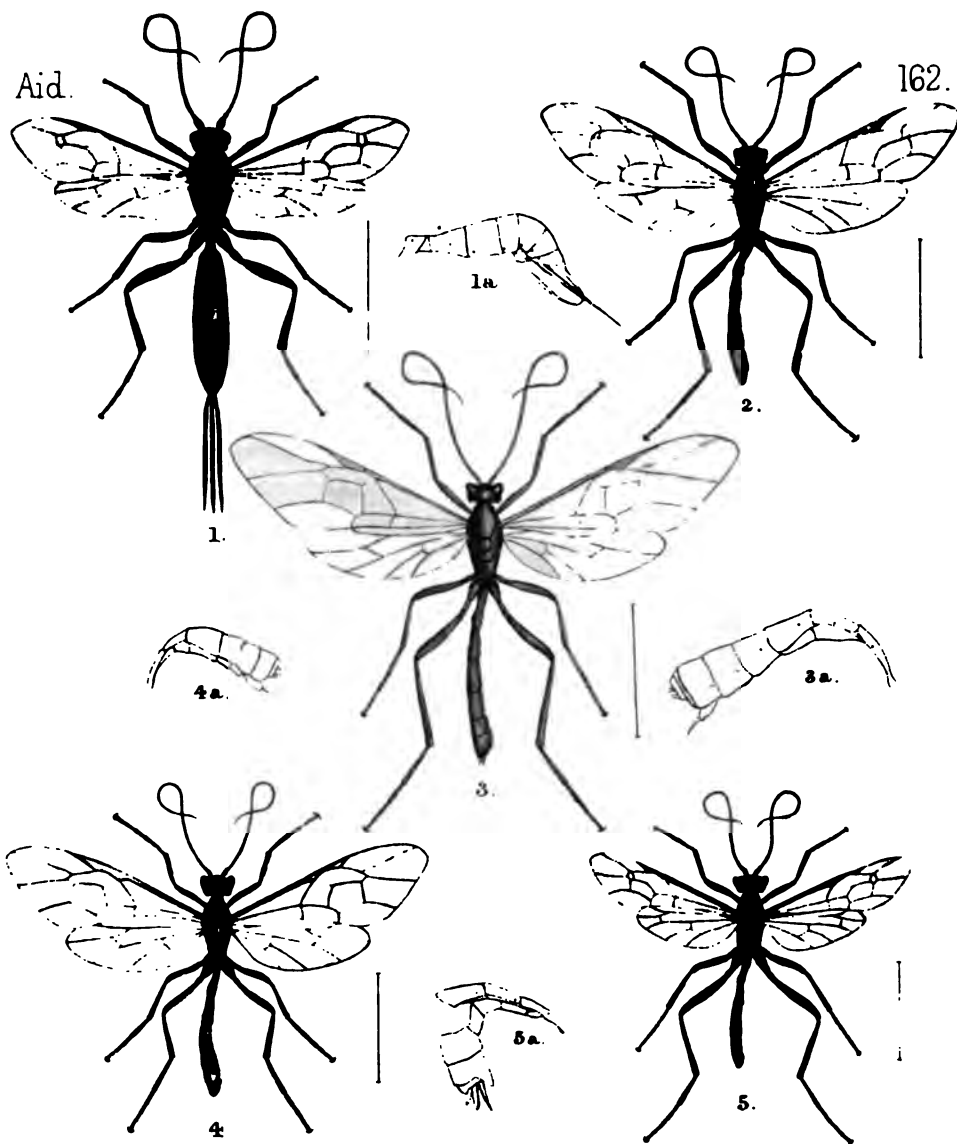
1. *Toxocampa cucullata*, Moore, *Descr. of Lep. in Coll. Atkinson*, II (1882), p. 152. N.W. Himalayas.
2. *Chalciope disjuncta*, Moore, *Descr. of Lep. in Coll. Atkinson*, II (1882), p. 171. Bengal.
3. *Callyna semivitta*, Moore, *Descr. of Lep. in Coll. Atkinson*, II (1882), p. 161. Darjeeling.
4. *Sypna renisigna*, ♂, Moore, *Proc. Zool. Soc. Lond.*, (1882), p. 25. Khasia Hills.
5. *Daddala quadrisignata*, Walker, *Cat. Lep. Het. Brit. Mus.*, XXXIII (1865), p. 974. India.





1. *Thoris eburifera*, Pascoe, Ann. & Mag. Nat. Hist., XLX, (1867), p. 317. E. Australia.
2. *Phoracantha hospita*, Pascoe, Journ. of Ent., II, (1864), p. 232. Queensland.
3. *Tryphocaria Mastersii*, Pascoe, Ann. & Mag. Nat. Hist., XL, (1875), p. 61. Melbourne.
4. *Meloëtyphlus fuscus*, Waterh., Ent. Mo. Mag., IX, (1872), p. 32. E. Peru.
5. *Siteutes cæruleatus*, Pascoe, Custula Ent., II, (1881), p. 594. New Guinea.
6. *Demelius semirugosus*, Waterh., Ent. Mo. Mag., XI, (1874), p. 127. Queensland.
7. *Alcides trifidus*, Pascoe, Journ. Linn. Soc. Lond., X, (1870), p. 460. Cambodia.
8. *Alcides crassus*, Pascoe, Ann. & Mag. Nat. Hist., X, (1882), p. 450. Andaman Is.





1. *Cryptus insidiator*, *Smith, 2nd Yarkand Mission; Hymen., (1878), p. 21. Kashmir.*
2. *Pariscus quadrilineatus*, *Smith, 2nd Yarkand Mission; Hymen., (1878), p. 21. Yarkand.*
3. *Ophion dentatus*, *Smith, 2nd Yarkand Mission; Hymen., (1878), p. 22. Kashmir.*
4. *Ophion albopictus*, *Smith, 2nd Yarkand Mission; Hymen., (1878), p. 22. Yarkand.*
5. *Campoplex longipes*, *Smith, 2nd Yarkand Mission; Hymen., (1878), p. 21. Kashmir.*





1. *Theritas Oakesii*, Butler, *Ann. & Mag. Nat. Hist.*, XIV, (1884), p. 267. Colombia.
 2. *Aphnæus tigrinus*, Moore, *Journ. Asiat. Soc. Beng.* LIII, (1884), p. 25. Bengal.
 3. *Aphnæus orcas*, Drury, *Illustrations*, III, (1782), p. 46. W. Africa.
 4. *Aphnæus himalayana*, Moore, *Journ. Asiat. Soc. Beng.* LIII, (1884), p. 26. Nepal.





1. *Zaranga pannosa*, Moore, *Trans. Ent. Soc. Lond.*, (1884), p. 357. Umballa.
2. *Redoa cygna*, ♀, Moore, *Proc. Zool. Soc. Lond.*, (1879), p. 401. Bengal.
3. *Ocinara comma*, Hutton, *Trans. Ent. Soc. Lond.*, (1865), p. 330. Darjiling.
4. *Dasychira strigata*, ♀, Moore, *Desc. Lepid. in Coll. Atkinson*, (1879), p. 58. Simla.
5. *Chærotricha marginata*, ♀, Moore, *Desc. Lepid. in Coll. Atkinson*, (1879), p. 49. Darjiling.
6. *Lymantria similis*, ♂, Moore, *Proc. Zool. Soc. Lond.*, (1879), p. 402. Calcutta.



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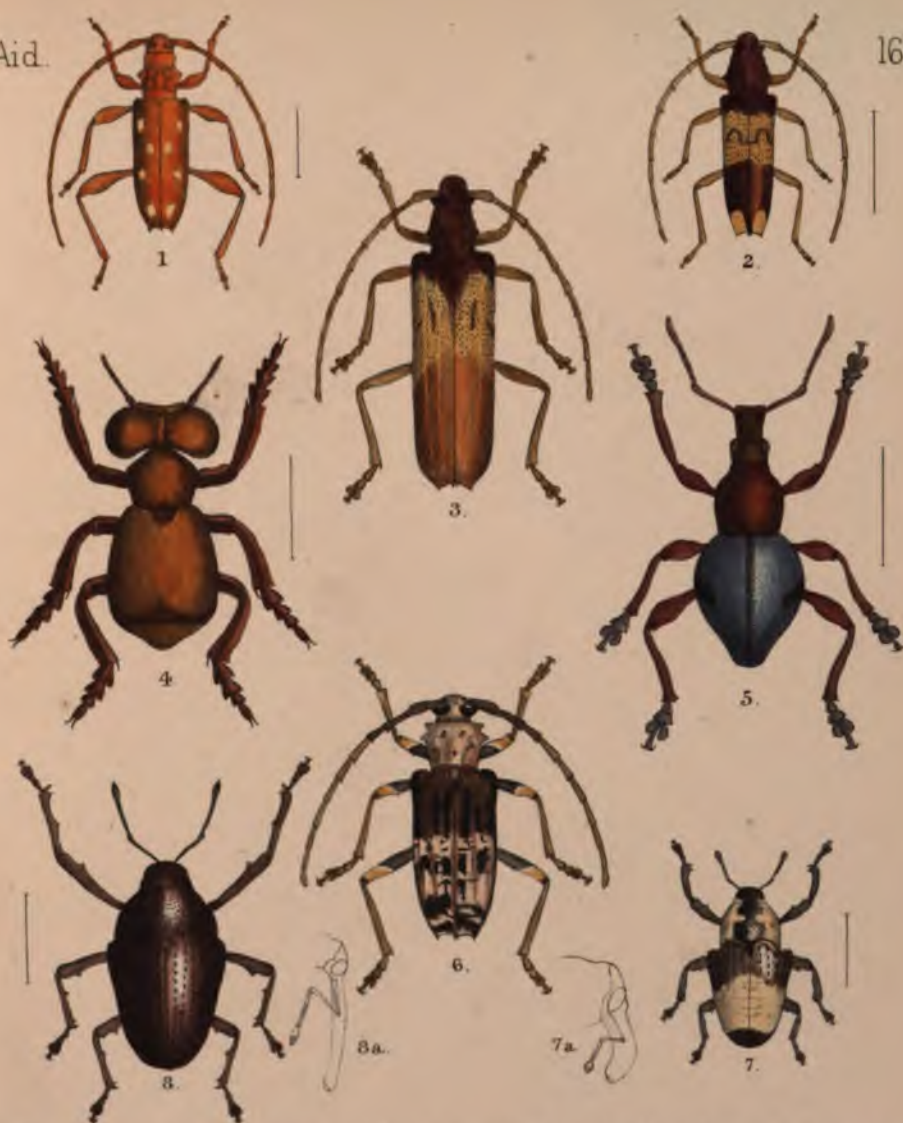


1. *Toxocampa cucullata*, Moore, *Descr. of Lep. in Coll. Atkinson*, II (1882), p. 159. N.W. Himalayas.
2. *Chalciope disjuncta*, Moore, *Descr. of Lep. in Coll. Atkinson*, II (1882), p. 171. Bengal.
3. *Callyna semivitta*, Moore, *Descr. of Lep. in Coll. Atkinson*, II (1882), p. 161. Darjeeling.
4. *Sypna renusigna*, ♂, Moore, *Proc. Zool. Soc. Lond.*, (1883), p. 25. Khasia Hills.
5. *Daddala quadrisignata*, Walker, *Cat. Lep. Het. Brit. Mus.*, XXXIII, (1865), p. 974. India.



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1. *Thoris eburifera*, Pascoe, *Ann. & Mag. Nat. Hist.*, XIX, (1867), p. 317. E. Australia.
2. *Phoracantha hospita*, Pascoe, *Journ. of Ent.*, II, (1864), p. 232. Queensland.
3. *Tryphocaria Mastersii*, Pascoe, *Ann. & Mag. Nat. Hist.*, XV, (1875), p. 61. Melbourne.
4. *Meloetyphlus fuscus*, Waterh., *Ent. Mo. Mag.*, IX, (1872), p. 32. E. Peru.
5. *Siteutes caeruleatus*, Pascoe, *Cistula Ent.*, II, (1881), p. 594. New Guinea.
6. *Demelius semirugosus*, Waterh., *Ent. Mo. Mag.*, XI, (1874), p. 127. Queensland.
7. *Alcides trifidus*, Pascoe, *Journ. Linn. Soc. Lond.*, X, (1870), p. 460. Cambodia.
8. *Alcides crassus*, Pascoe, *Ann. & Mag. Nat. Hist.*, X, (1882), p. 450. Andaman Is.





1. *Theritas Oakesii*, *Butler, Ann. & Mag. Nat. Hist.*, XIV, (1884), p. 267. Colombia.
2. *Aphnaeus tigrinus*, *Moore, Journ. Asiat. Soc. Beng.* LIII, (1884), p. 25. Bengal.
3. *Aphnaeus orcas*, *Drury, Illustrations*, III, (1782), p. 46. W. Africa.
4. *Aphnaeus humalayana*, *Moore, Journ. Asiat. Soc. Beng.* LIII, (1884), p. 26. Nepal.





1. *Theritas Oakesii*, Butler, *Ann. & Mag. Nat. Hist.*, XIV, (1884), p. 267. Colombia.
2. *Aphnæus tigrinus*, Moore, *Journ. Asiat. Soc. Beng.* LIII, (1884), p. 25. Bengal.
3. *Aphnæus orcas*, Drury, *Illustrations*, III, (1782), p. 46. W. Africa.
4. *Aphnæus himalayana*, Moore, *Journ. Asiat. Soc. Beng.* LIII, (1884), p. 26. Nepal.





1. *Zaranga pannosa*, Moore, *Trans. Ent. Soc. Lond.*, (1884), p. 357. Umballa.
2. *Redoa cygna*, ♀, Moore, *Proc. Zool. Soc. Lond.*, (1879), p. 401. Bengal.
3. *Ocinara comma*, Hutton, *Trans. Ent. Soc. Lond.*, (1865), p. 330. Darjiling.
4. *Dasychira strigata*, ♀, Moore, *Desc. Lepid. in Coll. Atkinson*, I (1879), p. 58. Simla.
5. *Chærotricha marginata*, ♀, Moore, *Desc. Lepid. in Coll. Atkinson*, I (1879), p. 49. Darjiling.
6. *Lymantria similis*, ♂, Moore, *Proc. Zool. Soc. Lond.*, (1879), p. 402. Calcutta.



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1. *Pedoptila nemopteridea*, Butler, *Ann. & Mag. Nat. Hist.* XV, (1885), p. 341. Cape Coast.
 2, 3 *Drupadia lisias*, Fabricius, *Mantissa Ins.* II, (1787), p. 65. Pulo Condor.
 4. *Darasana newara*, Moore, *Journ. Asiat. Soc. Beng.* LIII, (1884), p. 42. Nepal.
 5. *Satadra canaraica*, Moore, *Journ. Asiat. Soc. Beng.* LIII, (1884), p. 39. S. India.
 6. *Lampides Goodenavii*, Butler, *Proc. Zool. Soc. Lond.*, (1876), p. 252. New Hebrides.



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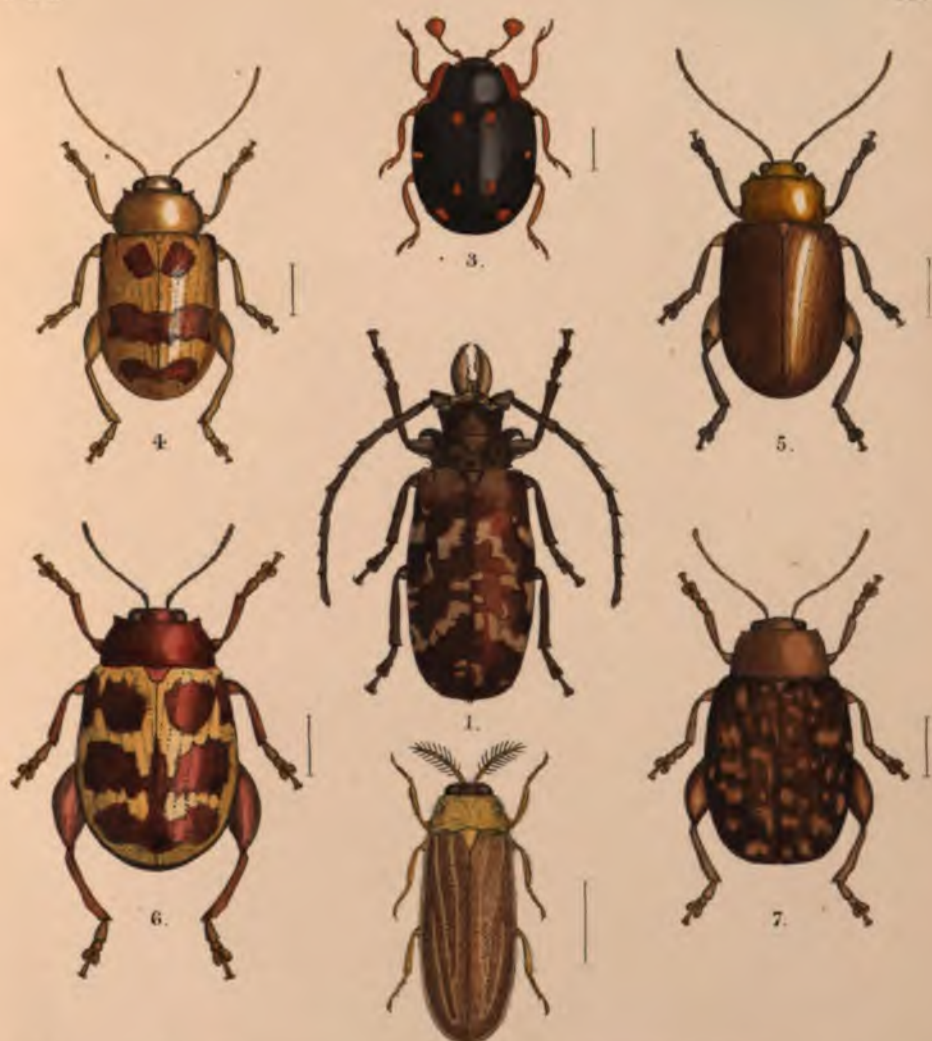
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1. *Papilio albolineatus*, Forbes, *Nat. Wand. in E. Archipel.*, (1885), p. 275. Borneo.
2. *Tenaris buruensis*, Forbes, *Nat. Wand. in E. Archipel.*, (1885), p. 411. Borneo.



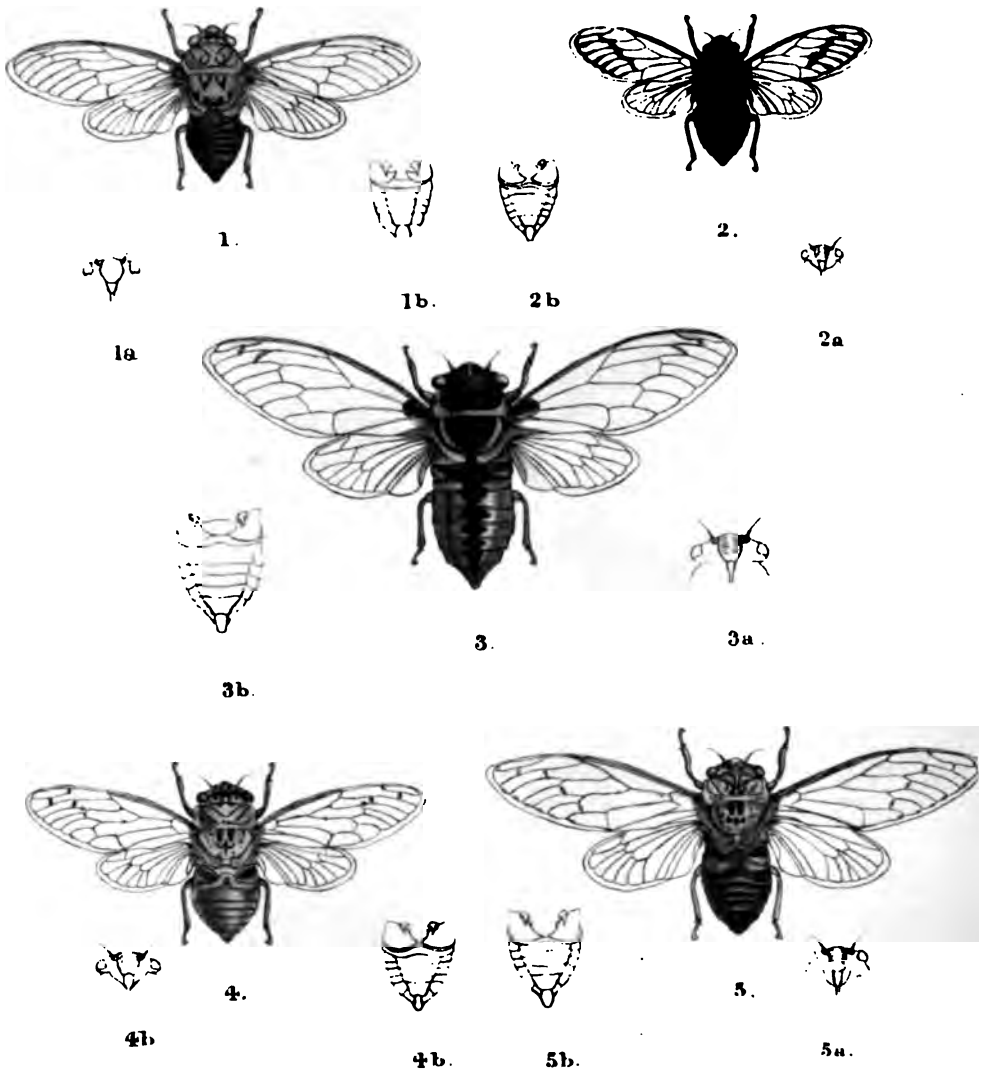


1. *Tithoes Palirii*, Hope, *Ann. & Mag. Nat. Hist.* XI (1843) p. 366. Sierra Leone.
2. *Diplocladon Hasseltii*, Gorham, *Notes from the Leyden Mus.* V (1883) p. 6. Sumatra.
3. *Monocoryna decempunctata*, Gorham, *Ann. Mus. C. d. S. N. Genova* II (1885) p. 529. Sumatra.
4. *Notozona elegans*, Clark, *Journ. of Ent.*, II, (1865), p. 411. Mexico.
5. *Notozona humilis*, Clark, *Journ. of Ent.*, II, (1865), p. 412. Mexico.
6. *Notozona rufofusca*, Clark, *Journ. of Ent.*, II, (1865), p. 412. Honduras.
7. *Notozona sparsa*, Clark, *Journ. of Ent.*, II, (1865), p. 411. Mexico.

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1. *Carineta obtusa*, Walker, *Insecta: South American*, Hemipt., (1858), p. 14. Brazil.
2. *Tympanoterpes elegans* Berg, *Anal. Soc. Cient. Arg.*, IV, 1882, p. 41. Argentine Republic.
3. *Tympanoterpes arechavaletae*, Berg, *Hemipt. Am. vicin.*, 1882, p. 124. Uruguay.
4. *Procaris capistrata*, Distant, *Ent. Mo. Mag.*, XXIV, (1908), p. 60. Puerto Rico.
5. *Procaris pulverea*, Oliv., Berg, *Anal. Soc. Cient. Arg.*, XIV, 1882, p. 42. Brazil.





1. *Leucospis coxalis*, Kirby, *Ann. & Mag. Nat. Hist.*, XV, (1885), p. 243. Buenos Ayres.
2. *Pompilus divisus*, Smith, *2nd Yarkand Mission, Hym.*, (1878), p. 15. Sind Valley.
3. *Ichneumon bipustulatus*, Smith, *2nd Yarkand Mission, Hym.*, (1878), p. 20. Murree.
4. 5. *Mutilla aurifex*, ♂, ♀, Smith, *Descr. New Sp. of Hym. in Brit. Mus.* (1879), p. 198. Bombay.
6. *Mutilla rufitarsis*, Smith, *Descr. New Sp. of Hym. in Brit. Mus.* (1879), p. 199. India.
7. *Megachile fulva*, Smith, *2nd Yarkand Mission, Hym.*, (1878), p. 4. Yarkand.



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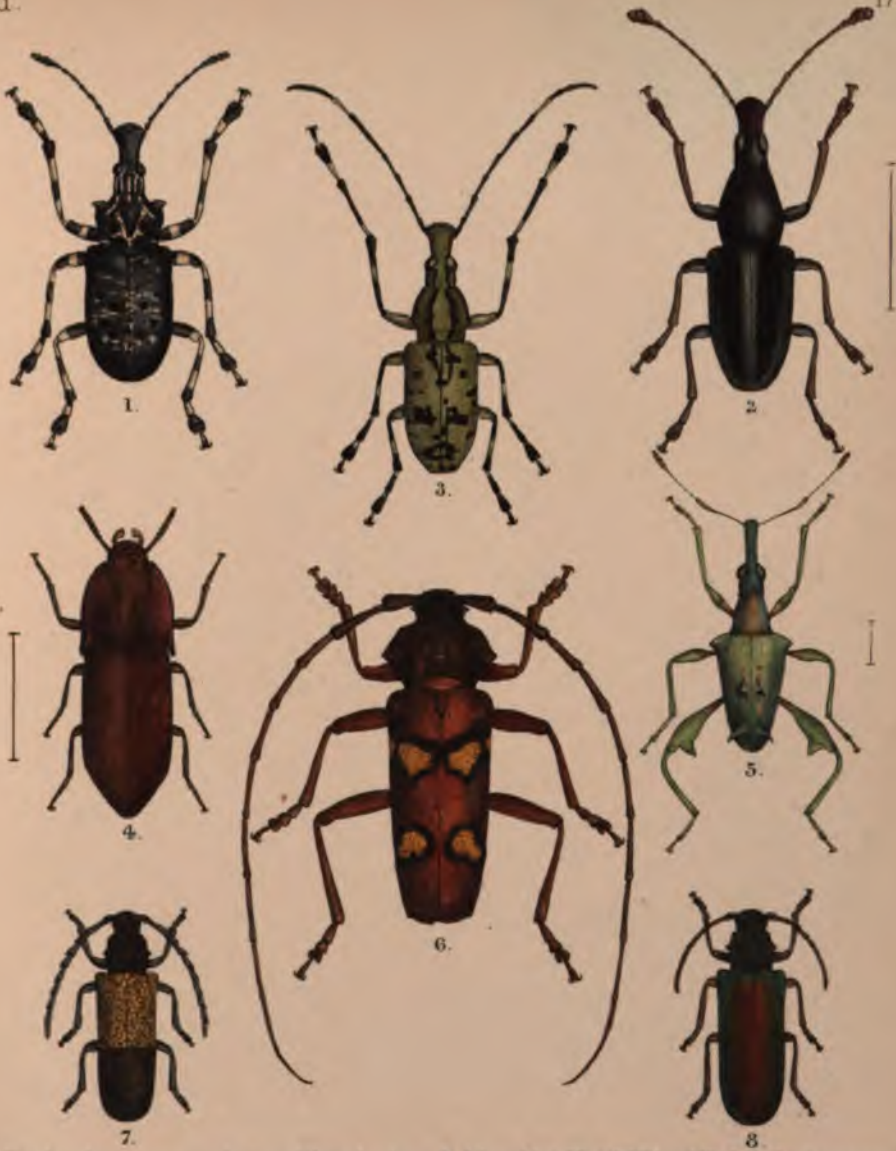
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1. *Monohammus x-fulvum*, Bates, *Ent. Mo. Mag.*, XXI, (1884), p. 18. Gaboon.
2. *Monohammus pictor*, Bates, *Ent. Mo. Mag.*, XXI, (1884), p. 17. Mt. Cameroons.
3. *Batomena multispinis*, Bates, *Ent. Mo. Mag.*, XXI, (1884), p. 15. Mt. Cameroons.
4. *Tricholamia plagiata*, Bates, *Ent. Mo. Mag.*, XXI, (1884), p. 15. Mt. Cameroons.
5. *Melanopolia farinosa*, Bates, *Ent. Mo. Mag.*, XXI, (1884), p. 16. Gaboon.
6. *Noserocera tuberosa*, Bates, *Ent. Mo. Mag.*, XXI, (1884), p. 17. Mt. Cameroons.

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1. *Tophoderes annulatus*, Waterh. Ann. & Mag. Nat. Hist. (1875), p. 412. Madagascar.
2. *Diastatropis olivaceus*, Waterh. Trans. Ent. Soc. Lond., (1877), p. 11. Madagascar.
3. *Mecocerus sulphureus*, Waterh. Trans. Ent. Soc. Lond., (1876), p. 24. Andaman Is.
4. *Psorochroa granulata*, Broun, Man. N. Zeal. Coleopt., II, (1881), p. 32. New Zealand.
5. *Ancistropterus prasinus*, Broun, Man. N. Zeal. Coleopt., II, (1881), p. 58. New Zealand.
6. *Stenaspis plagiatus*, Waterh. Trans. Ent. Soc. Lond., (1877), p. 12. Guatemala.
7. *Opsamates dimidiatus*, Waterh. Trans. Ent. Soc. Lond., (1879), p. 265. Madagascar.
8. *Opsamates purpureipennis*, Waterh. Trans. Ent. Soc. Lond., (1880), p. 60. Madagascar.



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1. *Bizone rubrifasciata*, Druce, *Ent. Mo. Mag.*, XX, (1883), p. 156. N. Celebes.
 2. *Aletis Monteironis*, Druce, *Ent. Mo. Mag.*, XX, (1883), p. 156. Delagoa Bay.
 3. *Amesia hyala*, Druce, *Proc. Zool. Soc. Lond.*, (1885), p. 518. Darjeeling.
 4. *Eusemia medeba*, Druce, *Ent. Mo. Mag.*, XVI, (1880), p. 269. Old Calabar.
 5. *Eusemia opheltes*, Druce, *Proc. Zool. Soc. Lond.*, (1885), p. 518. N. Borneo.



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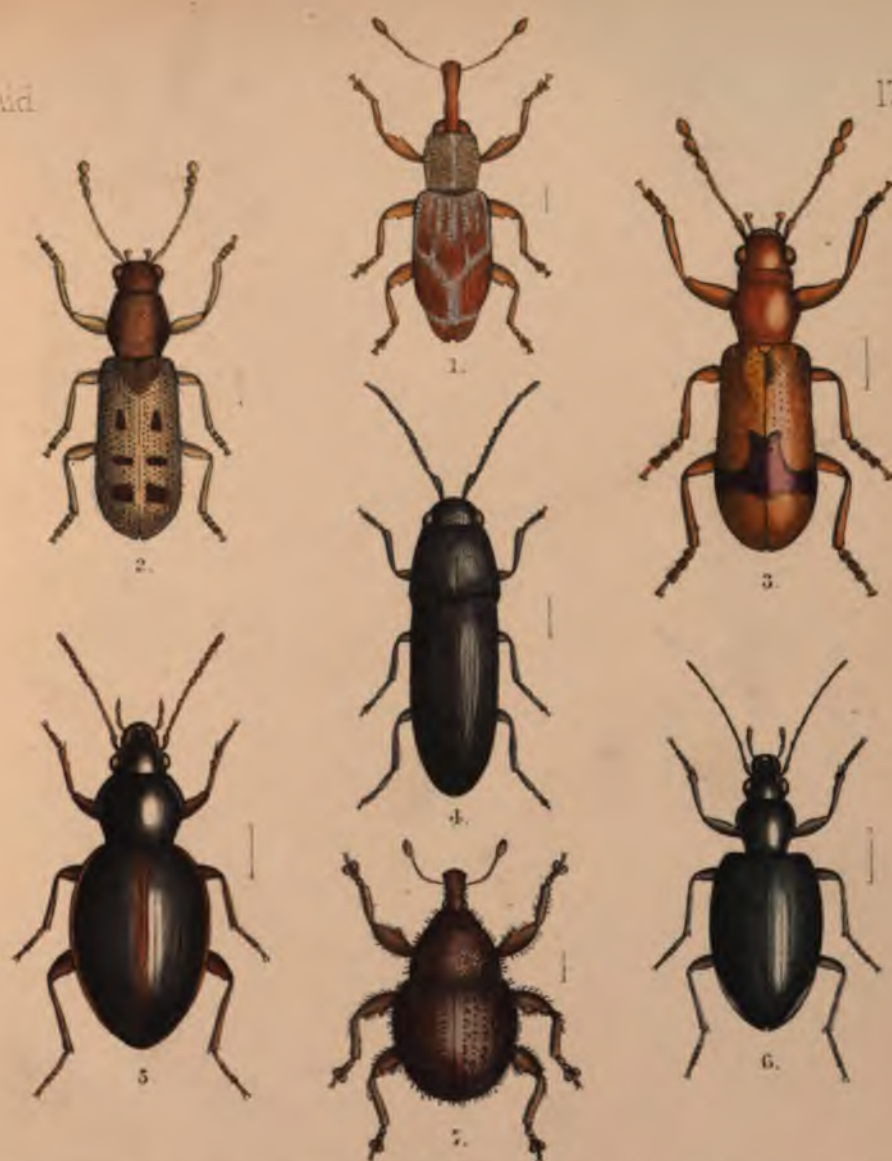
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1. *Murlida fraterna*, ♂, Moore, *Trans. Ent. Soc.*, (1884), p. 371. Darjeeling.
2. *Murlida lineosa*, Walker, *Cat. Lep. Hel. Brit. Mus.*, VI, (1855), p. 1440. Nepal.
3. *Mastigophora scopigeralis*, Moore, *Proc. Zool. Soc. Lond.*, (1867), p. 86. N.E. Bengal.
4. *Egnasia castanea*, Moore, *Lep. in Coll. Atkinson*, II, (1882), p. 184. Khasia Hills.
5. *Hypena umbripennis*, Moore, *Lep. in Coll. Atkinson*, II, (1882), p. 192. Khasia Hills.
6. *Hypena ophiuroides*, Moore, *Lep. in Coll. Atkinson*, II, (1882), p. 189. Khasia Hills.
7. *Rhynchina angulifascia*, Moore, *Lep. in Coll. Atkinson*, II, (1882), p. 188. N.W. Himalaya.
8. *Saraca pannosa*, Moore, *Lep. in Coll. Atkinson*, II, (1882), p. 182. Darjeeling.

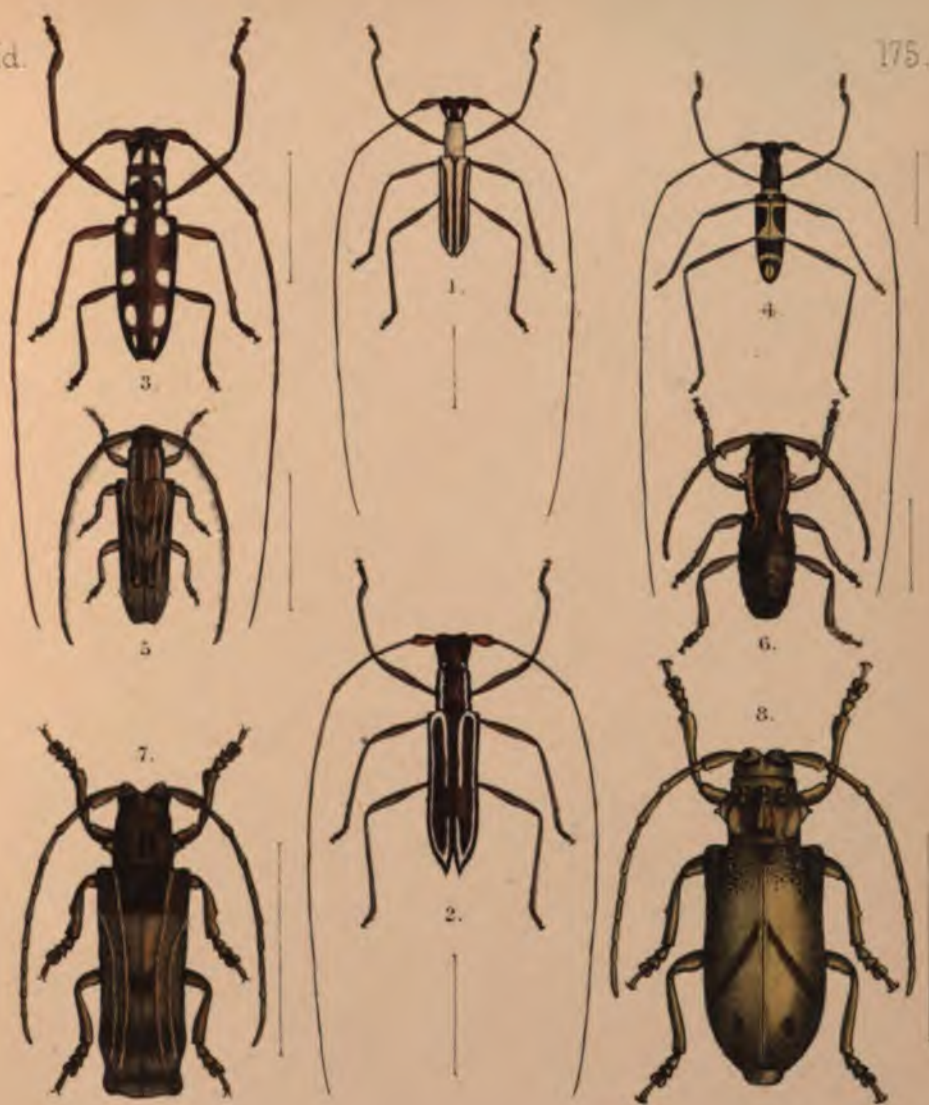
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1. *Pachydon linearis*, Brown, *Man. N. Zeal. Coleopt.*, (1881), p. 705. N. Zealand.
2. *Phymatophæa testacea*, Brown, *Man. N. Zeal. Coleopt.*, (1881), p. 686. N. Zealand.
3. *Phymatophæa ignea*, Brown, *N. Zeal. Journ. of Science*, (1883), p. 375. N. Zealand.
4. *Melanus sculptus*, Brown, *Man. N. Zeal. Coleopt.*, (1881), p. 677. N. Zealand.
5. *Tropopterus patulus*, Brown, *Man. N. Zeal. Coleopt.*, (1881), p. 655. N. Zealand.
6. *Bembidium latrusculum*, Brown, *N. Zeal. Journ. of Science*, (1883), p. 225. N. Zealand.
7. *Paromalina vestita*, Brown, *Man. N. Zeal. Coleopt.*, (1880), p. 497. N. Zealand.

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- 1, 2. *Cylindrepomus grammicus*, ♂, ♀, *Ann. & Mag. N. Hist.* V, (1860), p. 121. Waigiu.
 3. *Olenecamptus optatus*, *Pascoe, Proc. Zool. Soc.*, (1866), p. 253. Penang.
 4. *Cylindrepomus laetus*, *Pascoe, Trans. Ent. Soc.* IV, (1858), p. 241. Singapore.
 5. *Tarylamia melanura*, *Pascoe, Ann. & Mag. N. Hist.* XVII, (1886), p. 244. Madagascar.
 6. *Anexodus aquilus*, *Pascoe, Ann. & Mag. N. Hist.* XVII, (1886), p. 242. Borneo.
 7. *Thylactus longipennis*, *Pascoe, Ann. & Mag. N. Hist.* XVII, (1886), p. 242. W. Africa.
 8. *Chreostes Oberthurni*, *Pascoe, Ann. & Mag. N. Hist.* XVII, (1886), p. 243. Lambert.



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1. *Cyrestis Whitnei*, Butler, *Ann. & Mag. Nat. Hist.* XX, (1877), p. 352. Lifu.
 2. *Cyrestis irmæ*, Forbes, *Nat. Wand. in E. Archipel.*, (1885), p. 274. Sumatra.
 3. *Cyrestis achates*, Butler, *Proc. Zool. Soc. Lond.*, (1865), p. 481. *Vogel*.
 4. *Cyrestis sericeus*, Butler, *Proc. Zool. Soc. Lond.*, (1865), p. 482. *Bornes*.





1. *Eupterote gyra*, Swinhoe, *Proc. Zool. Soc. Lond.*, (1885), p. 803. Belgaum.
 2. *Eupterote diabolica*, Swinhoe, *Proc. Zool. Soc. Lond.*, (1885), p. 303. Belgaum.
 3. *Ercheia zygia*, Swinhoe, *Proc. Zool. Soc. Lond.*, (1885), p. 465. Poona.
 4. *Ercheia zura*, Swinhoe, *Proc. Zool. Soc. Lond.*, (1885), p. 465. Poona.





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1. *Vanessa Thomsoni*, Butler, *Ann. & Mag. Nat. Hist.*, XIX, (1887), p. 104. Brit. Honduras ?
 2. *Remigia congregata*, Walker, *Cat. Lep. Het. Brit. Mus.*, XV, (1858), p. 1847. W. Africa.
 3. *Briarda conturbata*, Walker, *Proc. Nat. Hist. Soc. Glasgow*, I, (1869), p. 354. Congo.
 4. *Nyctemera apicalis*, Walker, *Cat. Lep. Het. Brit. Mus.*, II, (1854), p. 395. W. Africa.
 5. *Arca discalis*, Walker, *Cat. Lep. Het. Brit. Mus.*, IV, (1855), p. 792. Natal.

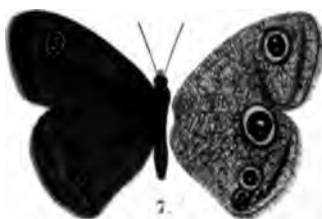
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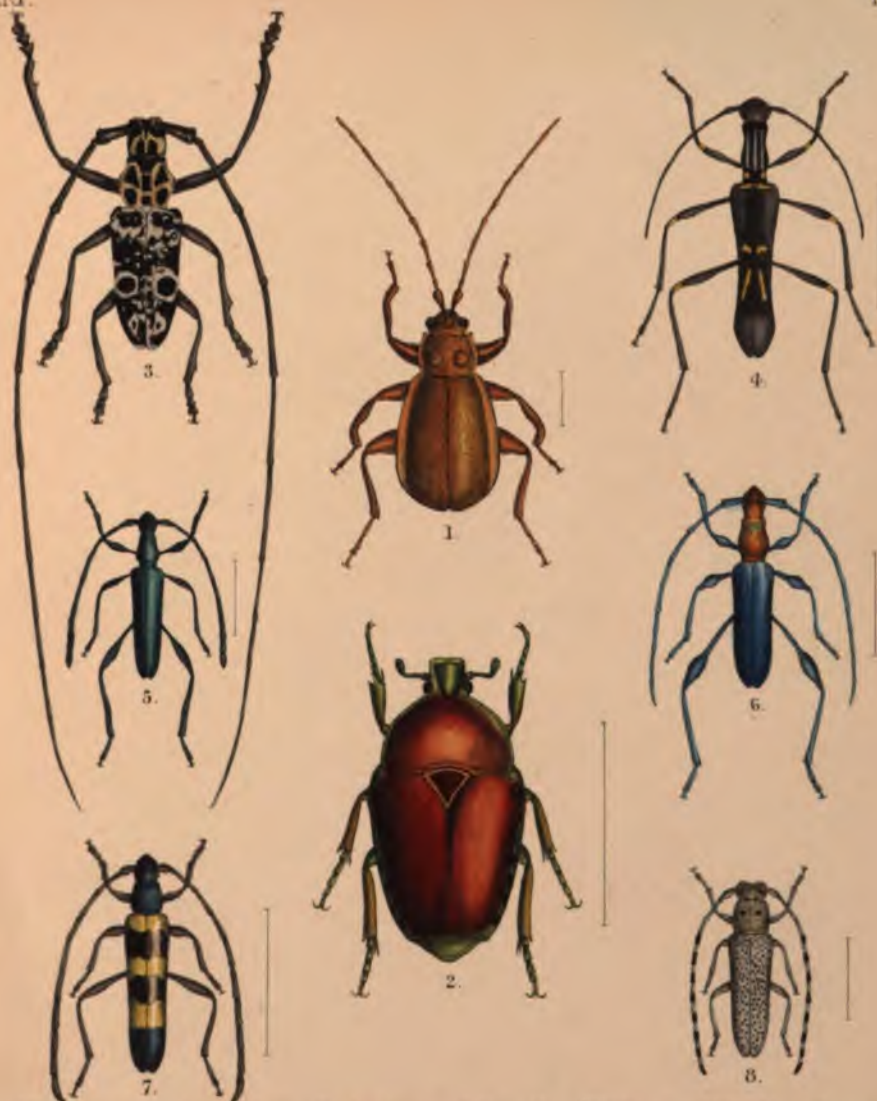
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- 1 *Ypthima maharaja*, ♂, Moore, *Journ. Asiat. Soc. Beng.*, (1884), p. 16. Deccan.
- 2 *Ypthima apicalis*, ♂, Moore, *Journ. Asiat. Soc. Beng.*, (1884), p. 17. Deyra Doon.
- 3 *Ypthima horsfieldii*, ♂, Moore, *Journ. Asiat. Soc. Beng.*, (1884), p. 18. Java.
- 4 *Ypthima howra*, ♂, Moore, *Journ. Asiat. Soc. Beng.*, (1884), p. 19. Calcutta.
- 5 *Ypthima kasimura*, ♀, Moore, *Journ. Asiat. Soc. Beng.*, (1884), p. 20. Cashmir.
- 6 *Ypthima avanta*, ♂, Moore, *Proc. Zool. Soc. Lond.*, (1884), p. 167. Cashmir.
- 7 *Ypthima newara*, ♂, Moore, *Proc. Zool. Soc. Lond.*, (1884), p. 168. Nepal.
- 8 *Ypthima nikaea*, ♀, Moore, *Proc. Zool. Soc. Lond.*, (1884), p. 169. N.W. Himalaya.





1. *Rhopalotoma tuberculata*, Clark, Journ. of Ent., II, (1865), p. 394, New Grenada.
2. *Celidota splendens*, Waterh., Trans. Ent. Soc. Lond., (1880), p. 59, Madagascar.
3. *Pelagoderus meleagris*, Pascoe, Trans. Ent. Soc. Lond., 3, III, (1866), p. 279, Iondano.
4. *Chlidones lineolatus*, Waterh., Trans. Ent. Soc. Lond., (1879), p. 321, Madagascar.
5. *Promecus viridis*, Pascoe, Journ. of Ent., II, (1863), p. 53, Natal.
6. *Euporus ignicollis*, Pascoe, Journ. of Ent., II, (1864), p. 287, Natal.
7. *Polyzonus scalaris*, Pascoe, Journ. of Ent., II, (1863), p. 53, Grahamstown.
8. *Blepisanis Bohemani*, Pascoe, Trans. Ent. Soc. Lond., 2, IV, (1858), p. 257, Natal.



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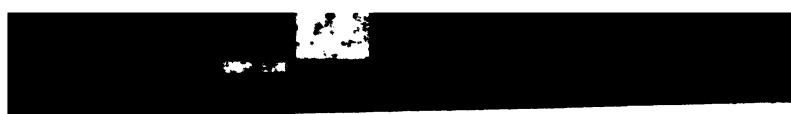


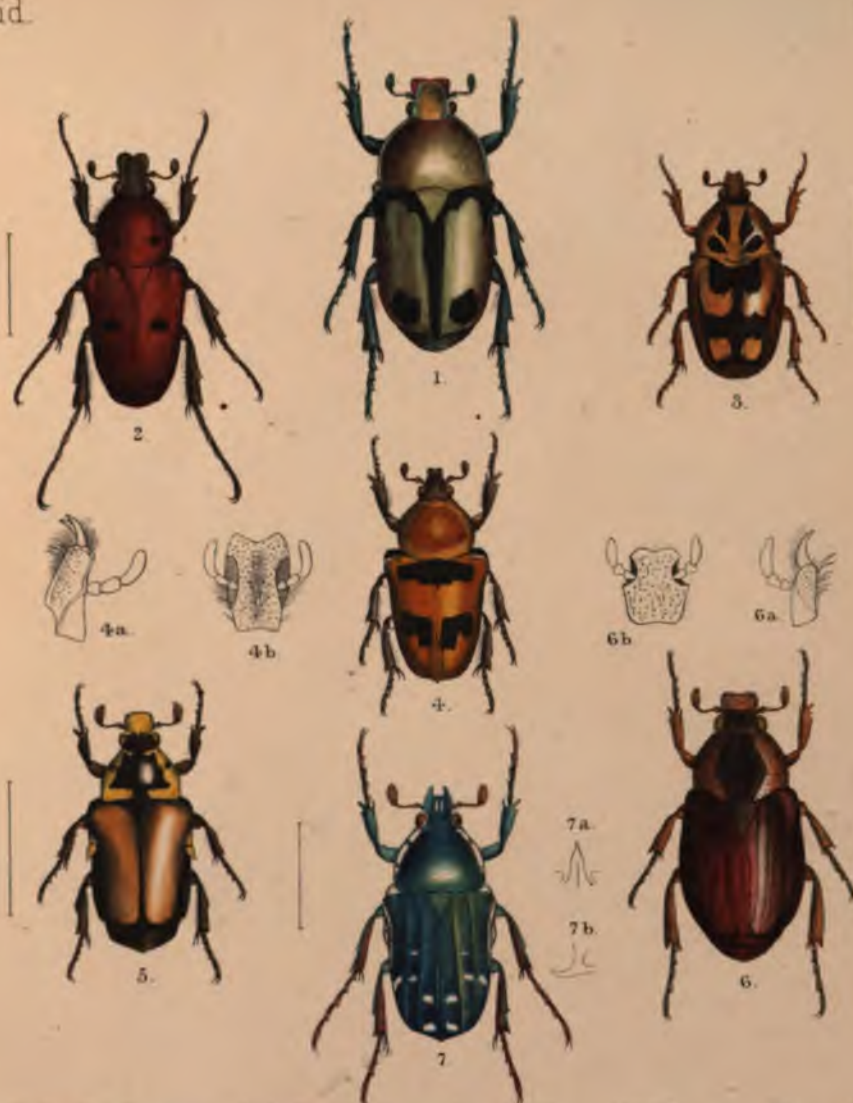
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1. *Auxicerus platyceps*, Waterh., *Ann. & Mag. Nat. Hist.*, XII (1883) p. 387. Peru.
2. *Glenida suffusa*, Gahan, *Ann. & Mag. Nat. Hist.*, II (1888) p. 66. China.
3. *Glenida cyaneipennis*, Gahan, *Ann. & Mag. Nat. Hist.*, II (1888) p. 66. China.
4. *Callipyndax cupreiventris*, Waterh., *Ann. & Mag. Nat. Hist.*, XIX (1887) p. 295. Brazil.
5. *Armenosoma atrum*, Waterh., *Ann. & Mag. Nat. Hist.*, XIX (1887) p. 293. Cape of Good Hope.
6. *Maschalix latipennis*, Waterh., *Ann. & Mag. Nat. Hist.*, XIX (1887) p. 294. Queensland.
7. *Caenophrada anobioides*, Waterh., *Ann. & Mag. Nat. Hist.*, I (1888) p. 350. India.
8. *Sphenophorus Cumingii*, Waterh., *Ann. & Mag. Nat. Hist.*, XVIII (1886) p. 318. Philippine Is.





1. *Eudicella Trimeni*, O. Janson, *Gest. Ent.*, III (1884), p. 103. Natal.
 2. *Stenotarsia punctiventris*, Waterh. *Ann. & Mag. Nat. Hist.* XIV (1884), p. 348. Madagascar.
 3. *Charadronota curvata*, O. Janson, *Notes Leyden Mus.* X (1888), p. 110. W. Africa.
 4. *Simorrhina Staudingeri*, Kraatz, *Deutsch. ent. Zeit.* XXX (1886), p. 443. Africa.
 5. *Macroma Oberthuri*, O. Janson, *Notes Leyden Mus.* X (1888), p. 112. Tibet.
 6. *Polyplastus assarius*, O. Janson, *Notes Leyden Mus.* X (1888), p. 115. W. Africa.
 7. *Gnathocera hyacinthina*, O. Janson, *Gest. Ent.*, III (1885), p. 143. E. Africa.





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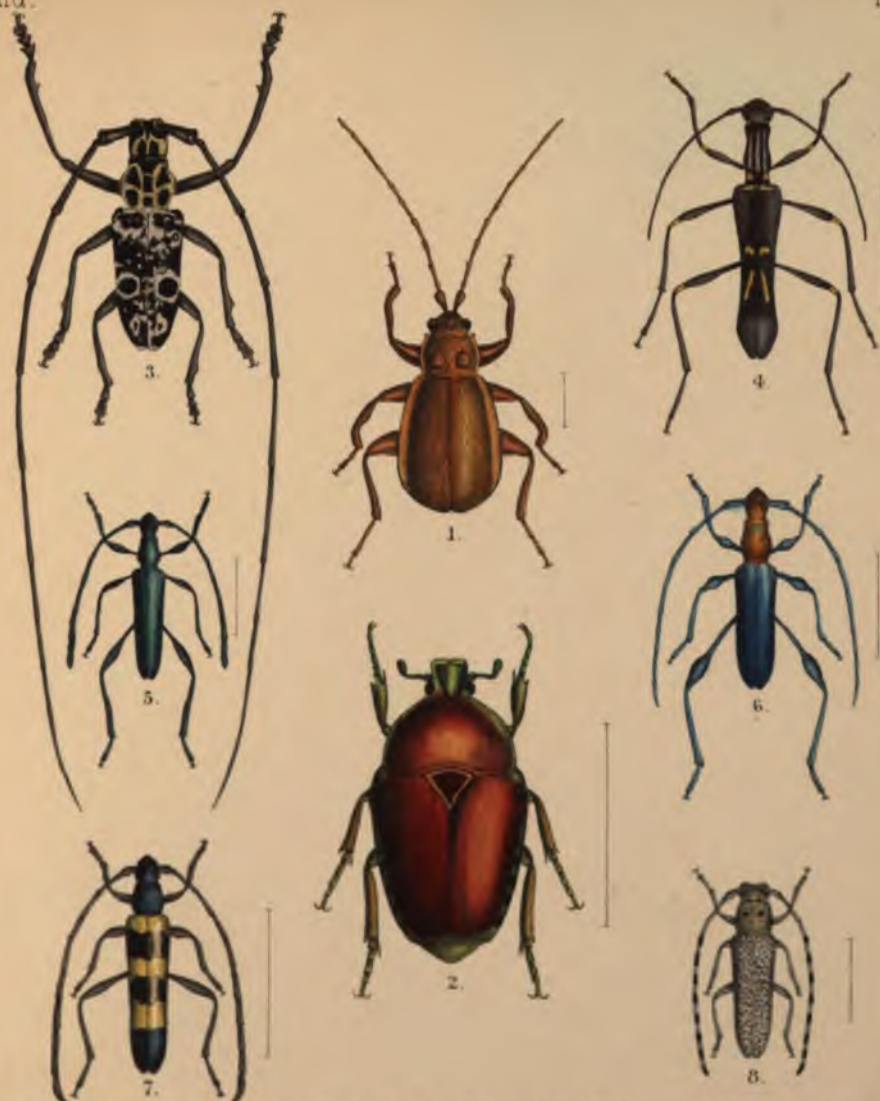
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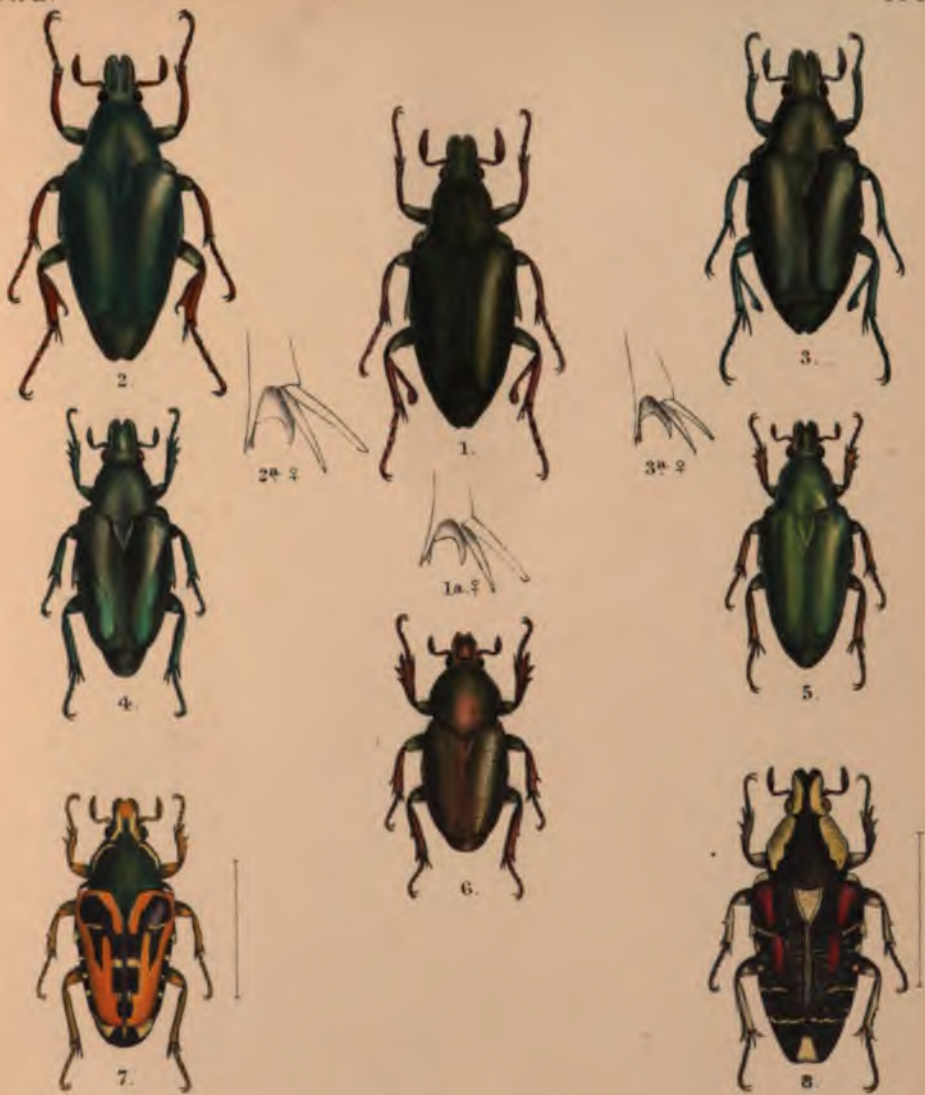
1. *Milionia Güntheri*, Butler, *Ann. & Mag. Nat. Hist.*, VIII (1881) p. 381. Sumatra.
2. *Milionia pyrozonis*, Butler, *Ann. & Mag. Nat. Hist.*, X (1882) p. 375. Tenasserim.
3. *Milionia latifasciata*, Butler, *Ann. & Mag. Nat. Hist.*, VIII (1881) p. 381. Malacca.
4. *Milionia basalis*, Walker, *List. Lep. Het. Brit. Mus.*, II (1854) p. 365. Java.
5. *Milionia Drucei*, Butler, *Ann. & Mag. Nat. Hist.*, XII (1883) p. 107. Celebes.
6. *Milionia Snelleri*, Butler, *Ann. & Mag. Nat. Hist.*, XII (1883) p. 108. Celebes.





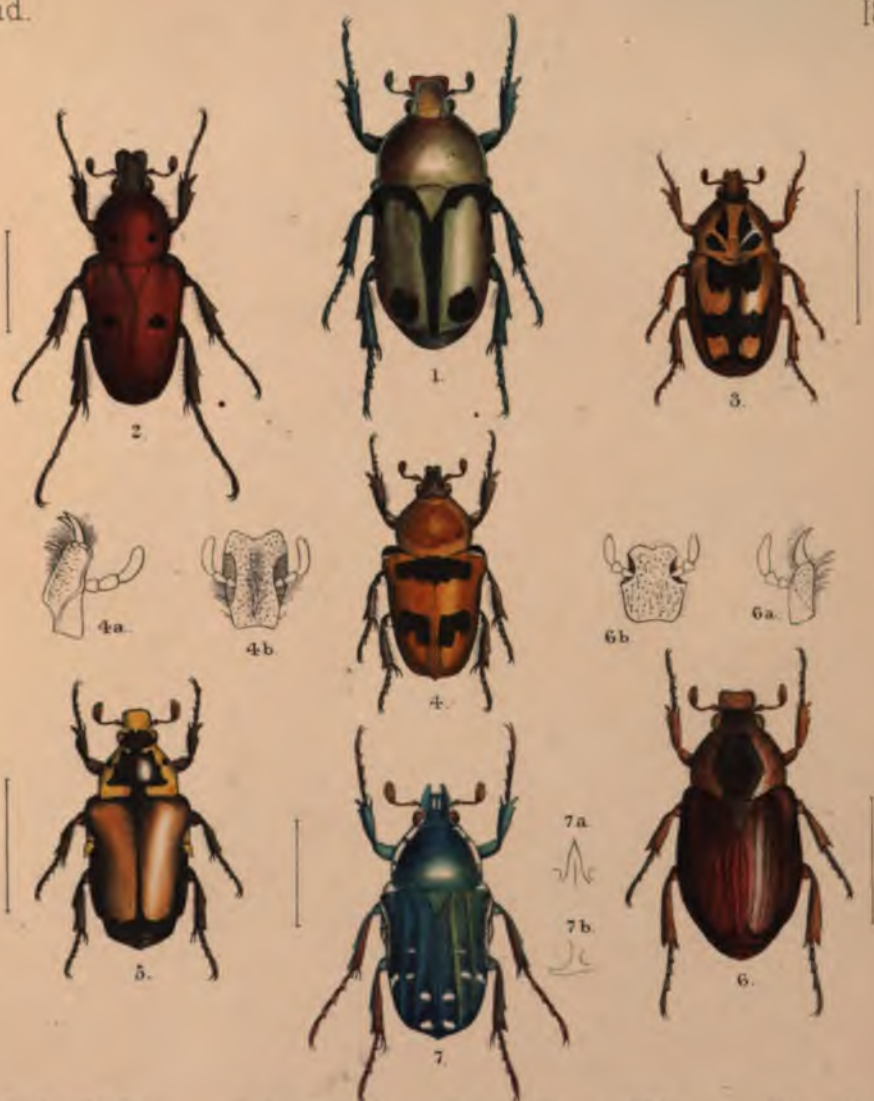
1. *Rhopalotoma tuberculata*, Clark, Journ. of Ent., II, (1865), p. 394, New Grenada.
2. *Ceheidota splendens*, Waterh., Trans. Ent. Soc. Lond., (1830), p. 39, Madagascar.
3. *Pelagoderus meleagris*, Pascoe, Trans. Ent. Soc. Lond., 3, III, (1866), p. 279, Tondano.
4. *Chlidones lineolatus*, Waterh., Trans. Ent. Soc. Lond., (1879), p. 321, Madagascar.
5. *Promecetes viridis*, Pascoe, Journ. of Ent., II, (1863), p. 53, Natal.
6. *Euporus ignicollis*, Pascoe, Journ. of Ent., II, (1864), p. 287, Natal.
7. *Polyzonus scalaris*, Pascoe, Journ. of Ent., II, (1863), p. 53, Grahamstown.
8. *Blepisanis Bohemani*, Pascoe, Trans. Ent. Soc. Lond., 2, IV, (1858), p. 257, Natal.





1. *Plectrone spathulifera*, Bates, *Proc. Zool. Soc. Lond.*, (1889), p. 388. Kini Balu.
2. *Plectrone auripes*, Westwood, Bates, *Proc. Zool. Soc. Lond.*, (1889), p. 387. Kini Balu.
3. *Plectrone viridipes*, Bates, *Proc. Zool. Soc. Lond.*, (1889), p. 388. Kini Balu.
4. *Chalcothea pomacea*, Bates, *Proc. Zool. Soc. Lond.*, (1889), p. 389. Kini Balu.
5. *Chalcothea planiuscula*, Bates, *Proc. Zool. Soc. Lond.*, (1889), p. 389. Kini Balu.
6. *Prigenia viridiaurata*, Bates, *Proc. Zool. Soc. Lond.*, (1889), p. 385. Kini Balu.
7. *Xenoloba speciosa*, Bates, *Proc. Zool. Soc. Lond.*, (1889), p. 387. Kini Balu.
8. *Tæniodera ditissima*, Bates, *Proc. Zool. Soc. Lond.*, (1889), p. 390. Kini Balu.





1. *Eudicella Trimeni*, O. Janson, *Gist. Ent.*, III (1884), p. 103. Natal.
 2. *Stenotarsia punctivenuris*, Waterh. *Ann. & Mag. Nat. Hist.*, XIV (1884), p. 348. Madagascar.
 3. *Charadronota curvata*, O. Janson, *Notes Leyden Mus.*, X (1888), p. 110. W. Africa.
 4. *Simorrhina Staudingeri*, Kraatz, *Deutsch. ent. Zeit.*, XXX (1886), p. 443. Africa.
 5. *Macroma Oberthüri*, O. Janson, *Notes Leyden Mus.*, X (1888), p. 112. Thibet.
 6. *Polyplastus assarius*, O. Janson, *Notes Leyden Mus.*, X (1888), p. 115. W. Africa.
 7. *Gnathocera hyacinthina*, O. Janson, *Gist. Ent.*, III (1885), p. 143. E. Africa.

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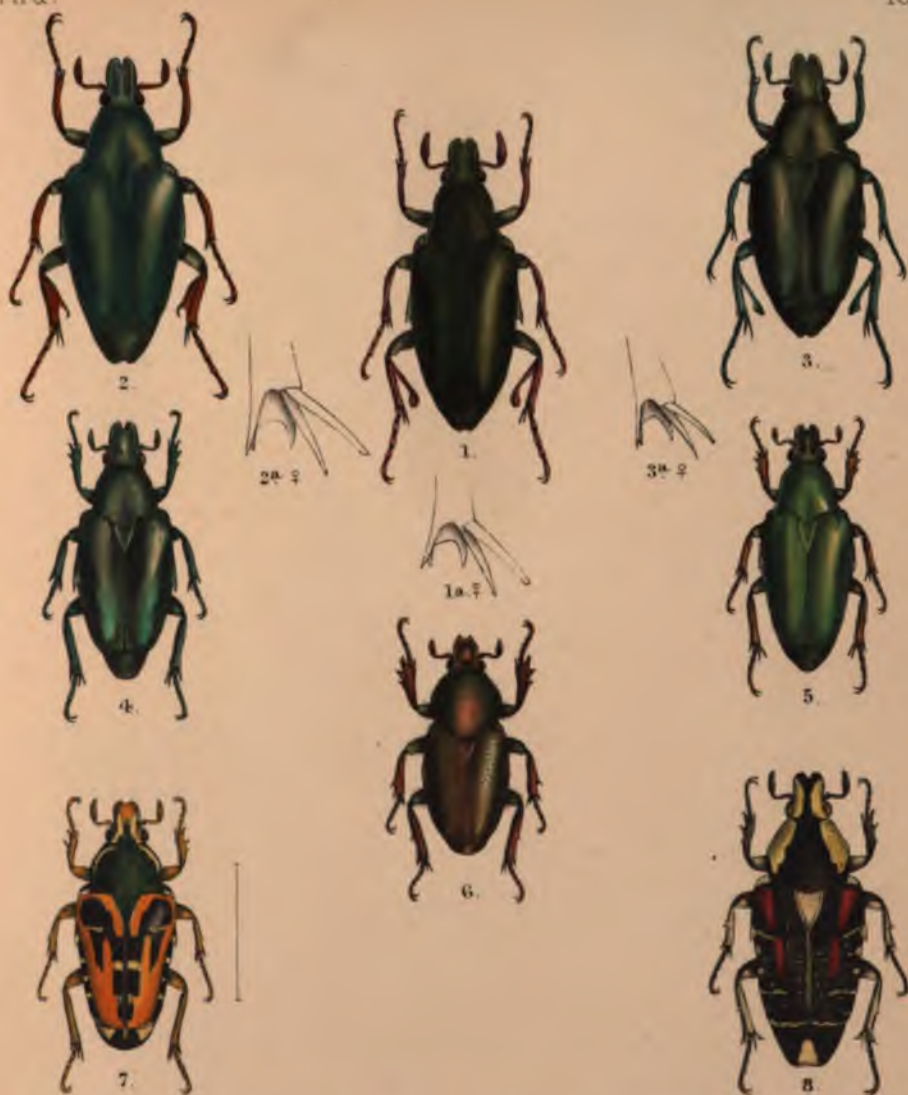
1. *Milionia Güntheri*, Butler, Ann. & Mag. Nat. Hist., VIII (1881) p. 381. Sumat
2. *Milionia pyrozonis*, Butler, Ann. & Mag. Nat. Hist., X (1882) p. 375. Tenasser
3. *Milionia laufasciata*, Butler, Ann. & Mag. Nat. Hist., VIII (1881) p. 381. Malac
4. *Milionia basalis*, Walker, List. Lep. Het. Brit. Mus., II (1864) p. 365. Ja
5. *Milionia Drucei*, Butler, Ann. & Mag. Nat. Hist., XII (1883) p. 107. Celeb
6. *Milionia Snelleni*, Butler, Ann. & Mag. Nat. Hist., XII (1883) p. 108. Celeb





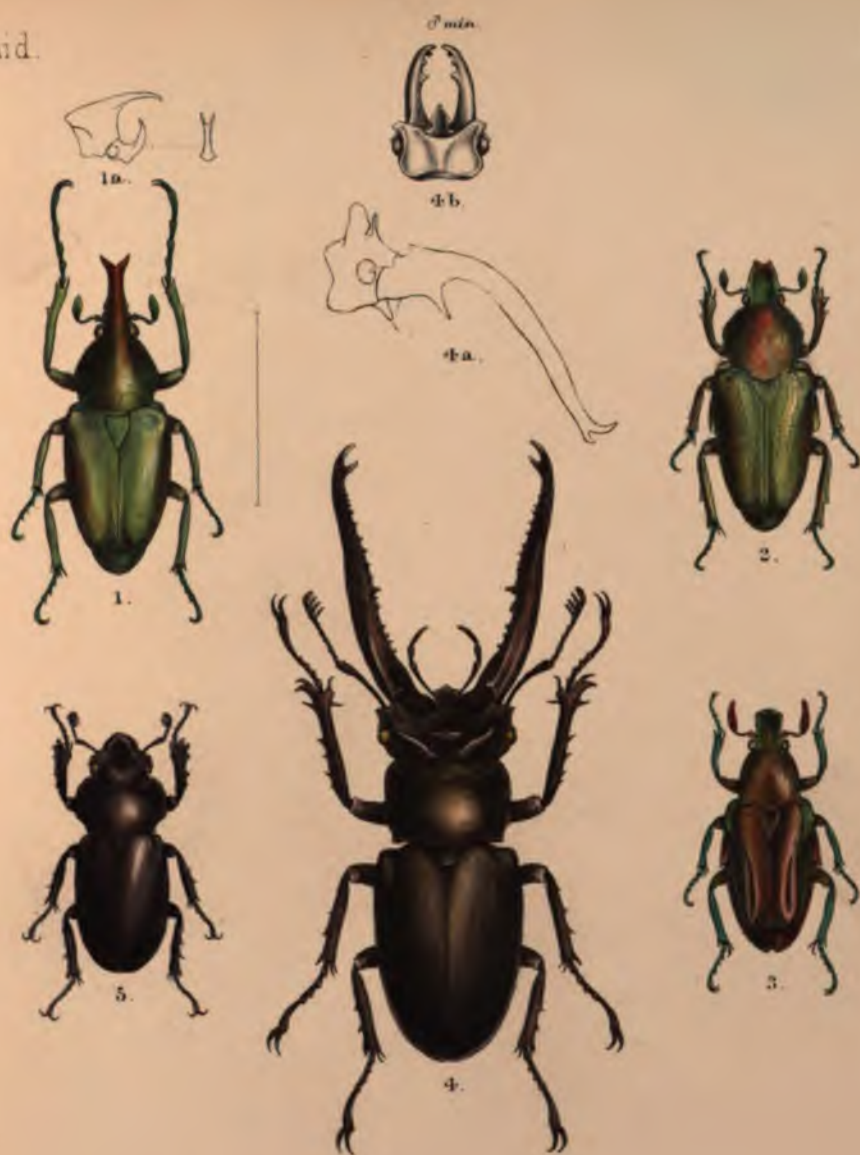
1. *Urapteryx margaritata*, Moore, Proc. Zool. Soc. Lond., (1867), p. 612. Ben.
2. *Agathia quinaria*, Moore, Proc. Zool. Soc. Lond., (1867), p. 639. Ben.
3. *Agathia arcuata*, Moore, Proc. Zool. Soc. Lond., (1867), p. 640. Ben.
4. *Ennomos viridata*, Moore, Proc. Zool. Soc. Lond., (1867), p. 623. Ben.
5. *Cidaria reticulata*, Moore, Proc. Zool. Soc. Lond., (1867), p. 662. Ben.
6. *Arichanna maculata*, Moore, Proc. Zool. Soc. Lond., (1867), p. 658. Ben.
7. *Gandaritis flavata*, Moore, Proc. Zool. Soc. Lond., (1867), p. 660. Ben.





1. *Plectrone spathulifera*, Bates, *Proc. Zool. Soc. Lond.*, (1889), p. 388. Kini Balu.
2. *Plectrone auripes*, Westwood, Bates, *Proc. Zool. Soc. Lond.*, (1889), p. 387. Kini Balu.
3. *Plectrone viridipes*, Bates, *Proc. Zool. Soc. Lond.*, (1889), p. 388. Kini Balu.
4. *Chalcothea pomacea*, Bates, *Proc. Zool. Soc. Lond.*, (1889), p. 389. Kini Balu.
5. *Chalcothea planiuscula*, Bates, *Proc. Zool. Soc. Lond.*, (1889), p. 389. Kini Balu.
6. *Prigenia viridiaurata*, Bates, *Proc. Zool. Soc. Lond.*, (1889), p. 385. Kini Balu.
7. *Xenoloba speciosa*, Bates, *Proc. Zool. Soc. Lond.*, (1889), p. 387. Kini Balu.
8. *Tæniodera ditissima*, Bates, *Proc. Zool. Soc. Lond.*, (1889), p. 390. Kini Balu.





1, 2. *Mycteristes telifer*, Bates, *Proc. Zool. Soc. Lond.*, (1889), p. 386. Kiri Balu.
 3. *Glyptotheca Whiteheadi*, Bates, *Proc. Zool. Soc. Lond.*, (1889), p. 390. Kiri Balu.
 4, 5 *Lucanus laminifer*, ♂, ♀, *Waterh. Ann. & Mag. Nat. Hist.*, V (1890), p. 33. Assam.
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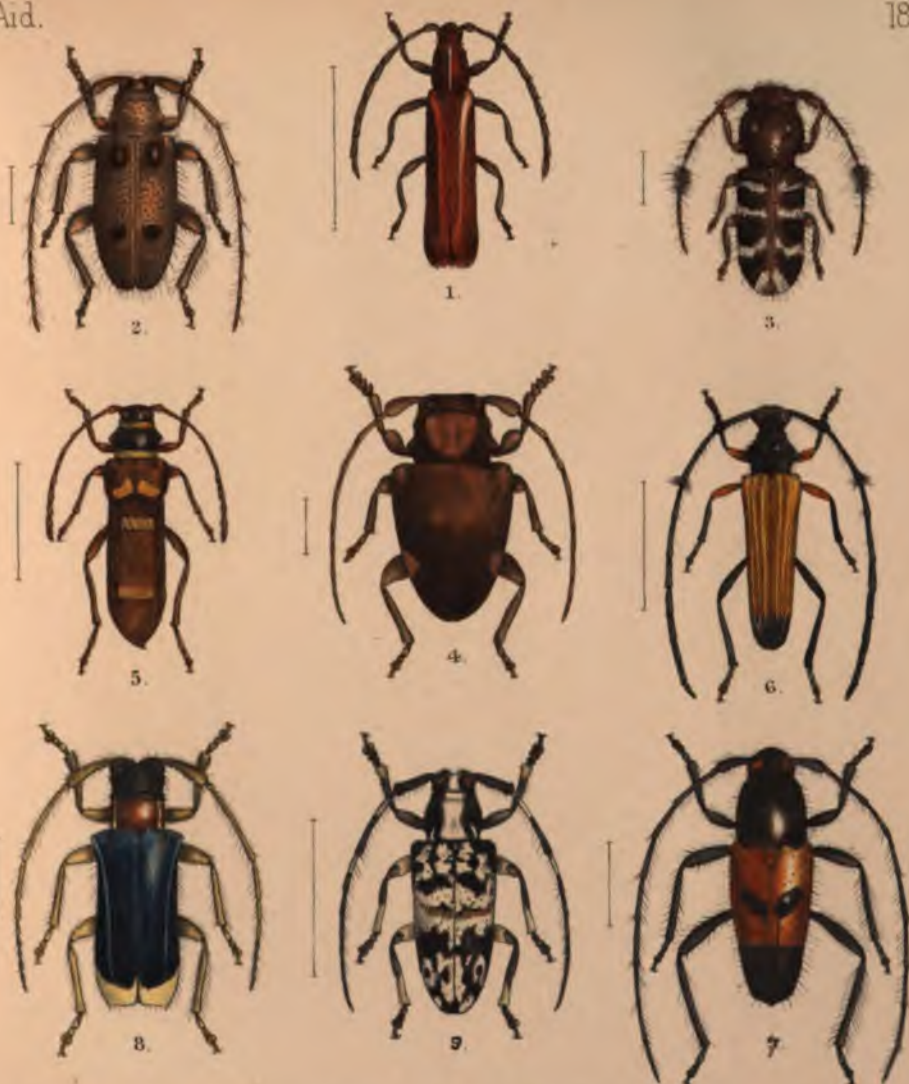
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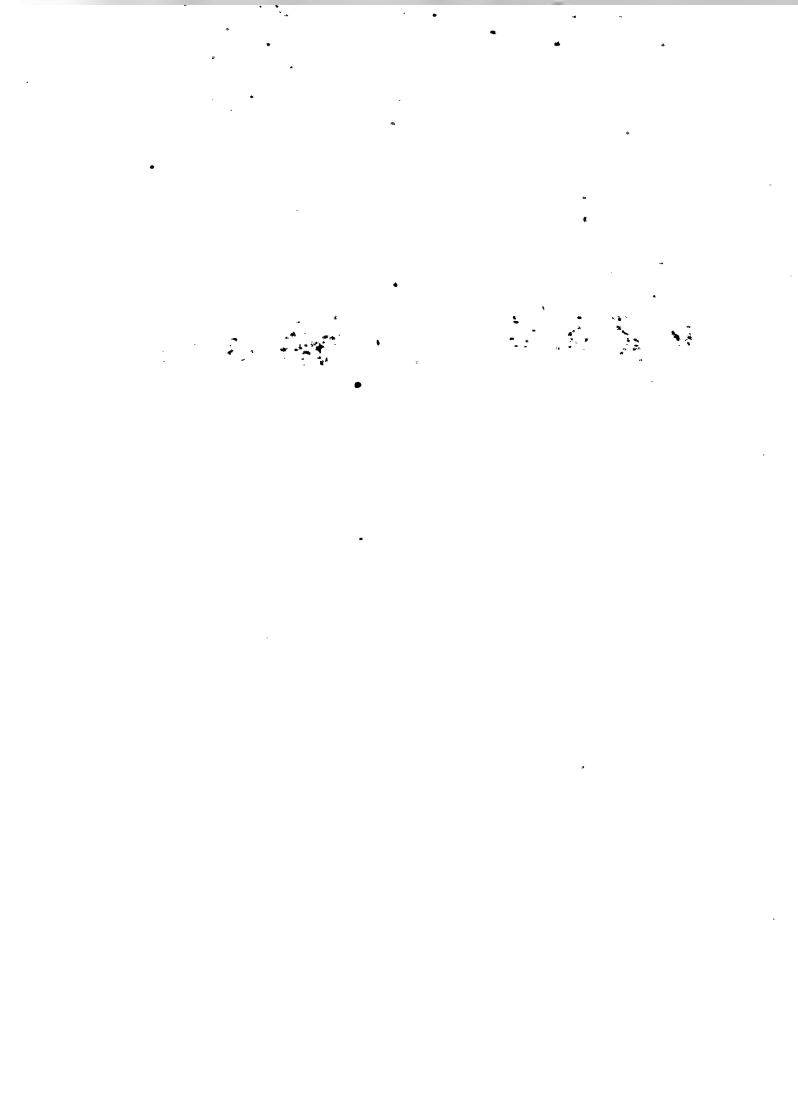
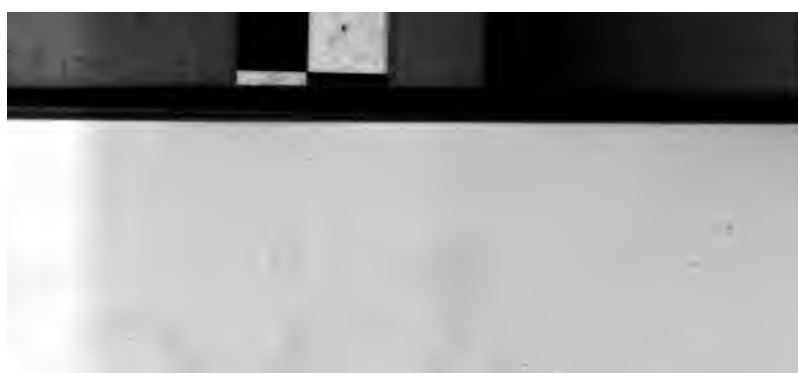
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1. *Celeia sikkima*, ♂, Moore, *Descr. Lep. Coll. Atkinson*, p. 63. Darjeeling.
 2. *Celeia auritracta*, ♂, Moore, *Proc. Zool. Soc. Lond.*, (1865), p. 811. Darjeeling.
 3. *Cerura prasana*, ♂, Moore, *Proc. Zool. Soc. Lond.*, (1865), p. 812. Darjeeling.
 4. *Ceira junctura*, ♂, Moore, *Descr. Lep. Coll. Atkinson*, p. 65. Darjeeling.
 5. *Pheosia costalis*, ♂, Moore, *Descr. Lep. Coll. Atkinson*, p. 69. Darjeeling.
 6. *Monema ocellata*, ♀, Moore, *Descr. Lep. Coll. Atkinson*, p. 74. Darjeeling.
 7. *Cossus cadambæ*, ♂, Moore, *Proc. Zool. Soc. Lond.*, (1865), p. 822. Bengal.
 8. *Cossus tessellatus*, ♂, Moore, *Descr. Lep. Coll. Atkinson*, p. 85. Calcutta.





1. *Erythresthes Bowringii*, Pascoe, *Journ. of Ent.*, II, p. 52. Hong Kong.
2. *Isse punctata*, Pascoe, *Journ. of Ent.*, II, p. 272. Natal.
3. *Biasmia guttata*, Pascoe, *Journ. of Ent.*, II, p. 271. Natal.
4. *Arenia trigona*, Pascoe, *Trans. Ent. Soc. Lond.*, IV, (1858), p. 247. Brazil.
5. *Hesthesis acutipennis*, Pascoe, *Trans. Ent. Soc. Lond.*, I, (1863), p. 556. New South Wales.
6. *Tritocosmia Digglei*, Pascoe, *Trans. Ent. Soc. Lond.*, V, (1859), p. 58. Queensland.
7. *Anastetha raripila*, Pascoe, *Proc. Ent. Soc. Lond.*, (1866), p. 28. Rockhampton.
8. *Chrysaperda collaris*, Pascoe, *Trans. Ent. Soc. Lond.*, (1888), p. 509. Ecuador.
9. *Planodes luctuosus*, Pascoe, *Trans. Ent. Soc. Lond.*, III, (1865), p. 103. Ceram.





1. *Planema Jacksoni*, E. Sharpe, *Ann. & Mag. Nat. Hist.*, V, (1890), p. 335. E. Africa.
 2. *Teracolus bifasciatus*, E. Sharpe, *Ann. & Mag. Nat. Hist.*, V, (1890), p. 336. E. Africa.
 3. *Teracolus Jacksoni*, E. Sharpe, *Ann. & Mag. Nat. Hist.*, V, (1890), p. 336. E. Africa.
 4. *Pinacopteryx nigropunctata*, E. Sharpe, *Ann. & Mag. Nat. Hist.*, V, (1890), p. 336. E. Africa.
 5, 6. *Teracolus eliza*, ♂, ♀, E. Sharpe, *Ann. & Mag. Nat. Hist.*, V, (1890), p. 441. E. Africa.

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